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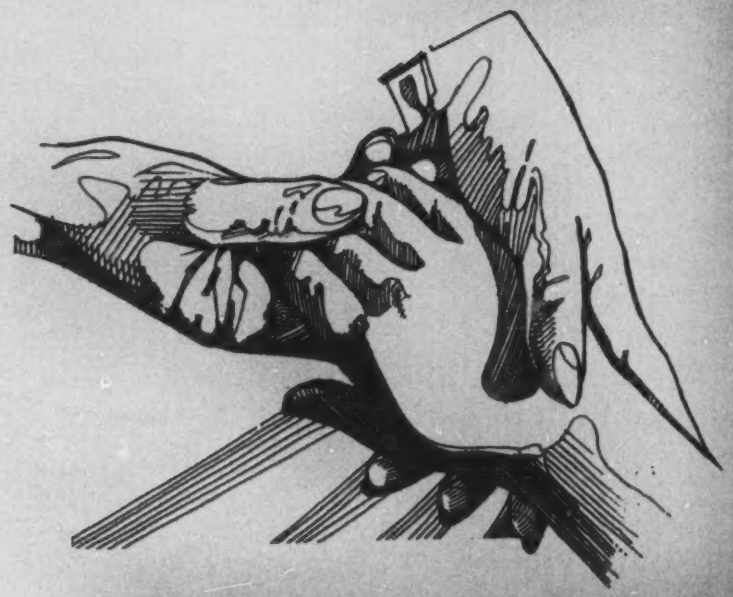
IOWA DEPARTMENT OF PUBLIC HEALTH

VITAL STATISTICS OF IOWA 1989



To promote, protect and ensure the health and well-being of Iowans.

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This publication was made possible by the professional contributions of the following Department staff:

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DEPARTMENT OF PUBLIC HEALTH
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October 11, 1990

In 1884, more than a century ago, Iowa began to collect and publish vital statistics. The Vital Statistics of Iowa 1989 is the Iowa Department of Public Health's annual report of births, deaths, fetal deaths, marriages and dissolutions for Iowa. Publication of the data is intended to assist in the development of policy and programmatic initiatives within the Department, as well as to provide State officials and agencies, and the general public, with valuable statistical information.

The publication provides summary data for the State, each county and each city of 10,000 or greater population on a calendar year basis. Historical data included in the report typically reflects a five-year period, though selected tables pertain to a longer period of time. Data concerning births and deaths are presented according to the geographic area of the individual's residence (state, county or city). In contrast, marriages and dissolutions reflect the occurrences of these two events within the geographic area regardless of residence.

On January 1, 1989, Iowa implemented revised forms for births, deaths and fetal deaths. The revision was prompted by changes in the data requirements of the National Center for Health Statistics (NCHS). Iowa, like other states and territories of the United States, cooperates with NCHS in a uniform data reporting system of vital statistics for the nation. The revised forms provide for a greater specificity of summary statistics, thereby a greater utilization for programmatic planning and evaluation.

A new feature for the 1989 report is the "summary highlights" which provides a comparison to 1980. Generally speaking, the data suggests that Iowa has realized improvements in several public health areas. As Iowa strives to achieve the national objective, "Healthy People - year 2000," cooperation in the access and affordability of quality public health services will be essential.

R. V. Knight
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SUMMARY HIGHLIGHTS*

	1980	1989
Births:		
Total[1]	16.4	13.7
Teenage Mothers[2]	23.8	20.5
Teenage Mothers as a Percent of all Mothers	12.5	10.3
Low Birth Weight as a Percent of all Births	5.1	5.4
Deaths:		
Total[1]	9.3	9.6
Infant[3]	11.8	8.2
Fetal[3]	8.5	6.1
Maternal[4]	1.0	0.8
Neonatal[3]	7.9	5.5
Selected Leading Causes:[5]		
Heart Disease	368.9	340.0
Cerebrovascular Disease	32.3	75.3
Arteriosclerosis	20.8	16.1
Accidents[5]	45.7	39.7
Homicides[5]	2.7	1.9
Suicides[5]	11.0	11.1
Teenage Suicides (age 10-19)[5]	4.1	7.8
Marriages:		
Total[1]	9.4	8.9
Dissolutions:		
Total[1]	4.1	3.7
Percent Involving No Children	39.2	39.2

*Expressed as rates or percents

1 Rate per 1,000 population.
2 Rate per 1,000 females, aged 10-19.
3 Rate per 1,000 live births.
4 Rate per 10,000 live births.
5 Rate per 100,000 population.

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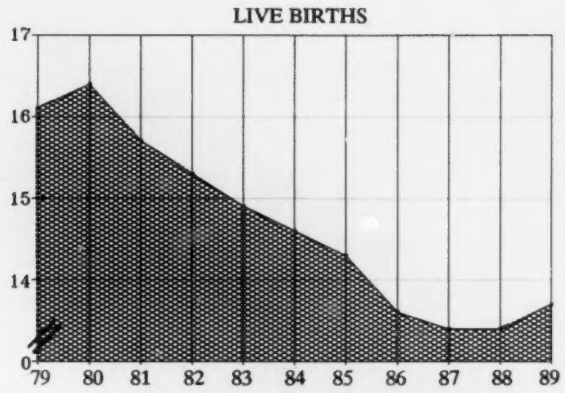
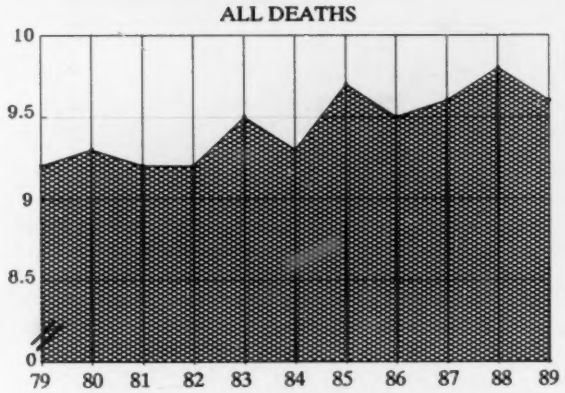
CHART 1
SELECTED VITAL EVENT RATES
1979-1989

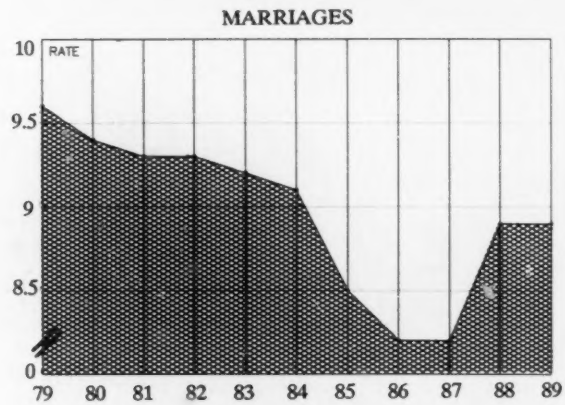
For this year, the 13.7 live birth rate per 1,000 population has increased by 2.2 percent compared with a rate of 13.4 in 1988. The current rate is also up slightly from 13.6 in 1986. However, the 1989 rate is 16.5 percent below the 16.4 peak for 1980.



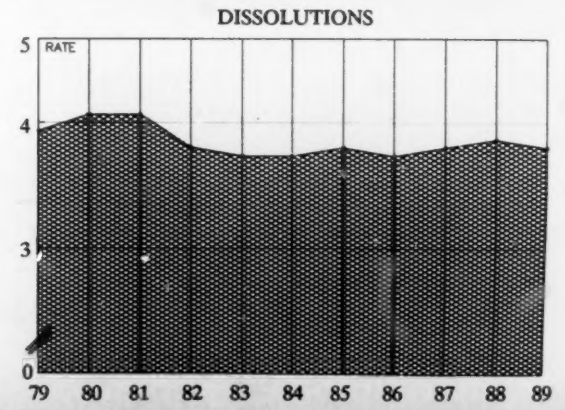
The current 9.6 death rate per 1,000 population has declined by 2.0 percent from 9.8 in 1988. Nonetheless, the death rate has been relatively high since 1985; compared with 9.2 at the beginning of the period shown, the 1989 rate is up by 4.3 percent.



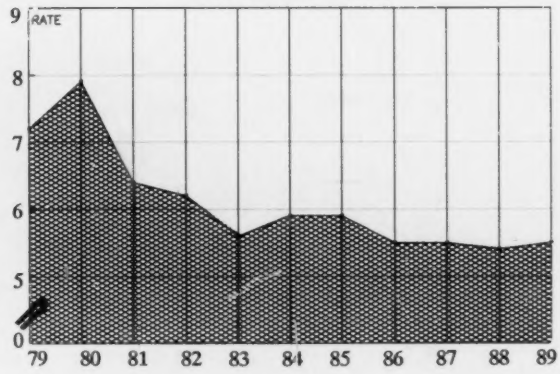
The marriage rate is a stable 8.9 per 1,000 population; this is, in contrast, up by 8.5 percent, compared to a rate of 8.2 for 1986-87. However, the 1989 rate is down by 7.3 percent, in comparison with 9.6 for 1979. During 1979-87, the rate had almost continuously declined.



Throughout most of the period depicted, the dissolution rate has been nearly stable; during 1982-89 the rate ranged from 3.6 per 1,000 population to 3.8. In contrast, the current 3.7 rate is down 9.8 percent from the peak 4.1 for 1980-81.

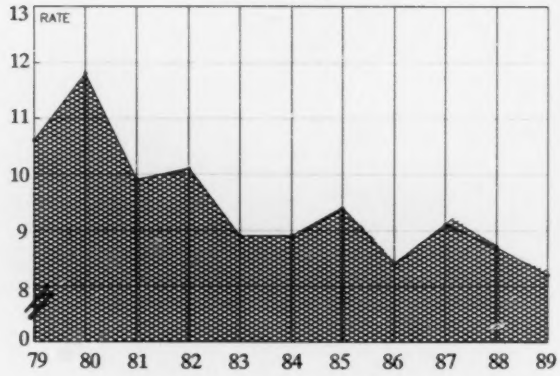


NEONATAL DEATHS



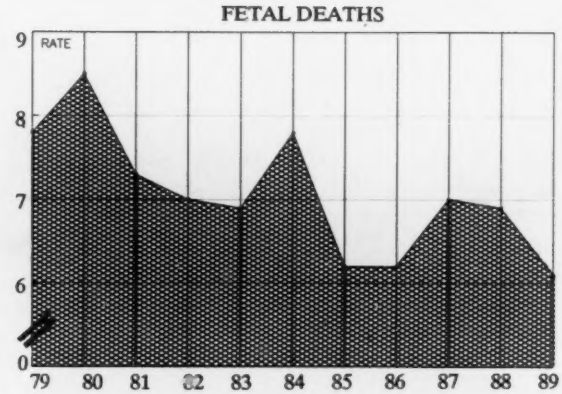
The neonatal death rate has been nearly stable at 5.5 per 1,000 live births during 1986-89. The only exception was a 5.4 rate last year. In contrast, the rate has dropped by 30.4 percent from the peak of 7.9 in 1980 to a current 5.5. However, the rate has fluctuated downward. The 1989 rate is just slightly lower than 5.6 for 1983.

INFANT DEATHS



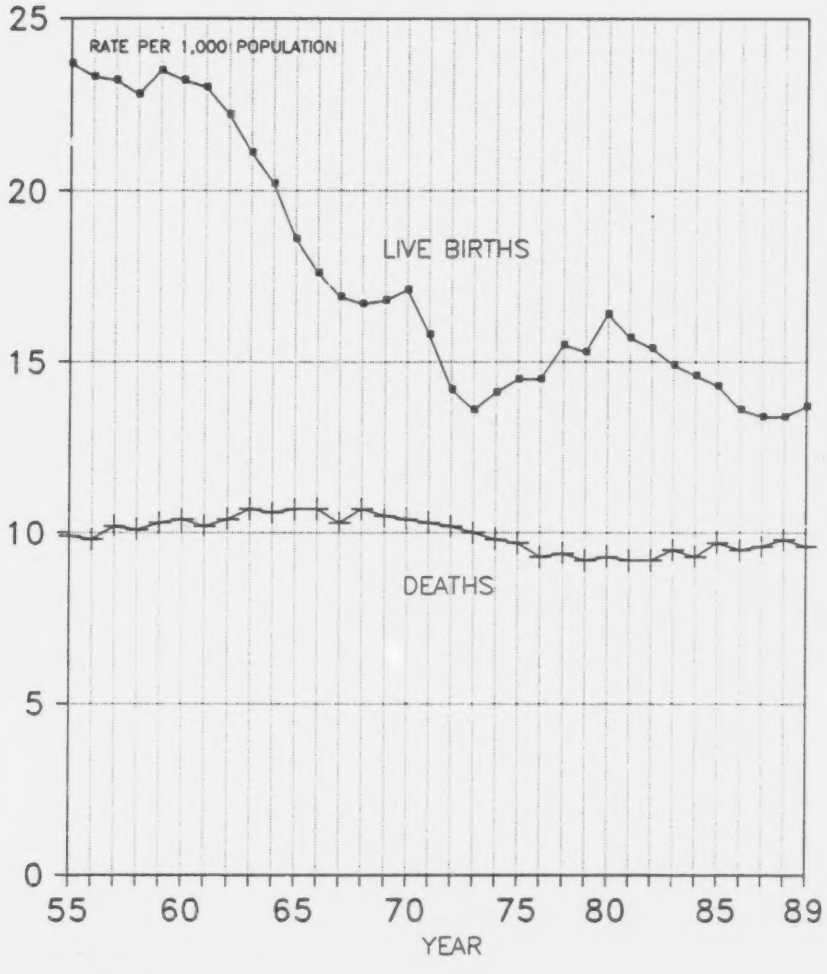
Compared to 11.8 in 1980, the infant death rate has fluctuated to a record low 8.2 per 1,000 live births for this year; the drop has been 30.5 percent. The rate has also declined steadily by nearly one-tenth, 9.9 percent from 9.1 in 1987. Previously, the low rate was 8.4 for 1986.

FETAL DEATHS



At 6.1 per 1,000 live births, the current fetal death rate is also a record low; this rate is down slightly, compared with 6.2 in 1985-86. The rate has, with fluctuations, dropped by 28.2 percent, in comparison to the 8.5 peak in 1980.

CHART 2
LIVE BIRTH AND DEATH RATES
1955-1989 Resident Data



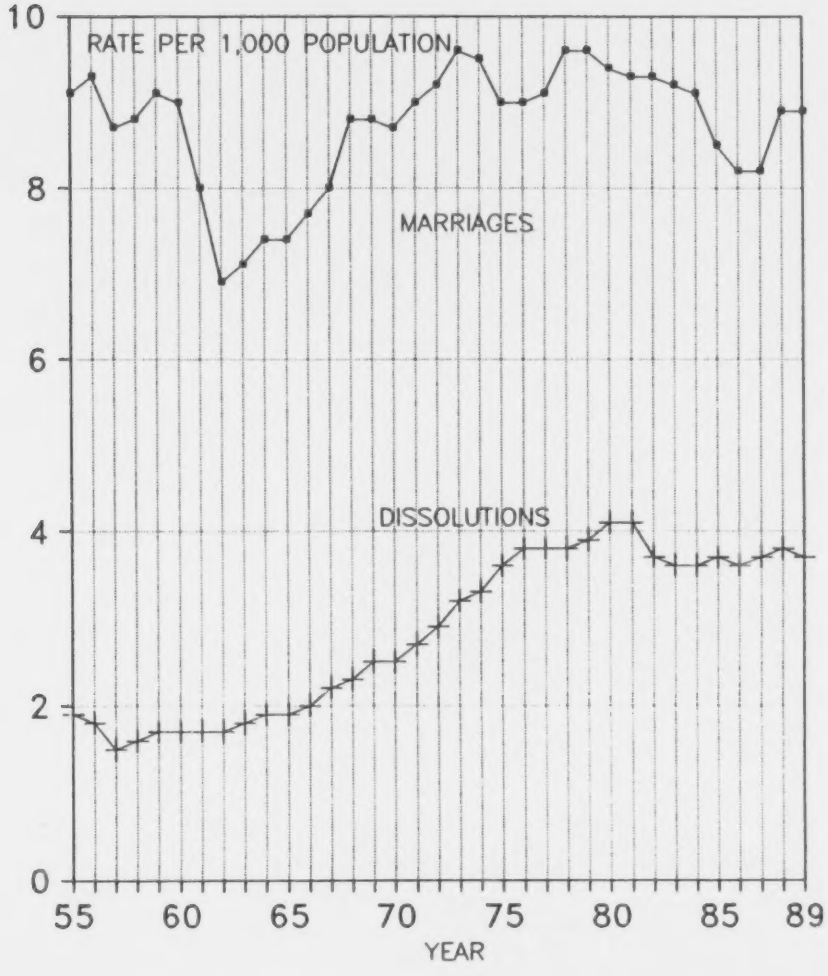
The live birth rate:

.Has dropped by ten live births per 1,000 population since 1955; this has been a 42.2 percent decrease from 23.7 to a current 13.7.
.Depicts the longest continuous decline from 23.5 in 1959 to 16.7 for 1968, which was a 28.9 percent drop.
.Also sharply and steadily decreased by 20.5 percent during 1970-73, from 17.1 per 1,000 population to 13.6.
.In contrast, almost steadily rose by 20.6 percent to 16.4 for 1980.
.Again declined continuously by three live births per 1,000 population, during 1980-87; this was an 18.3 percent drop.

The death rate:

.Was 9.9 per 1,000 population in 1955, and was nearly the same last year with 9.8.
.However, was somewhat higher at 10.6 or 10.7 during 1964-66, and again 10.7 for 1968.
.Has been under 10.0 since 1974.
.Was the lowest, 9.2, in 1979 and 1981-82.
.Currently is 4.3 percent above the low rate, but 10.3 percent below the high rate during 1955-89.

CHART 3
MARRIAGE AND DISSOLUTION RATES
1955-1989 Occurrence Data



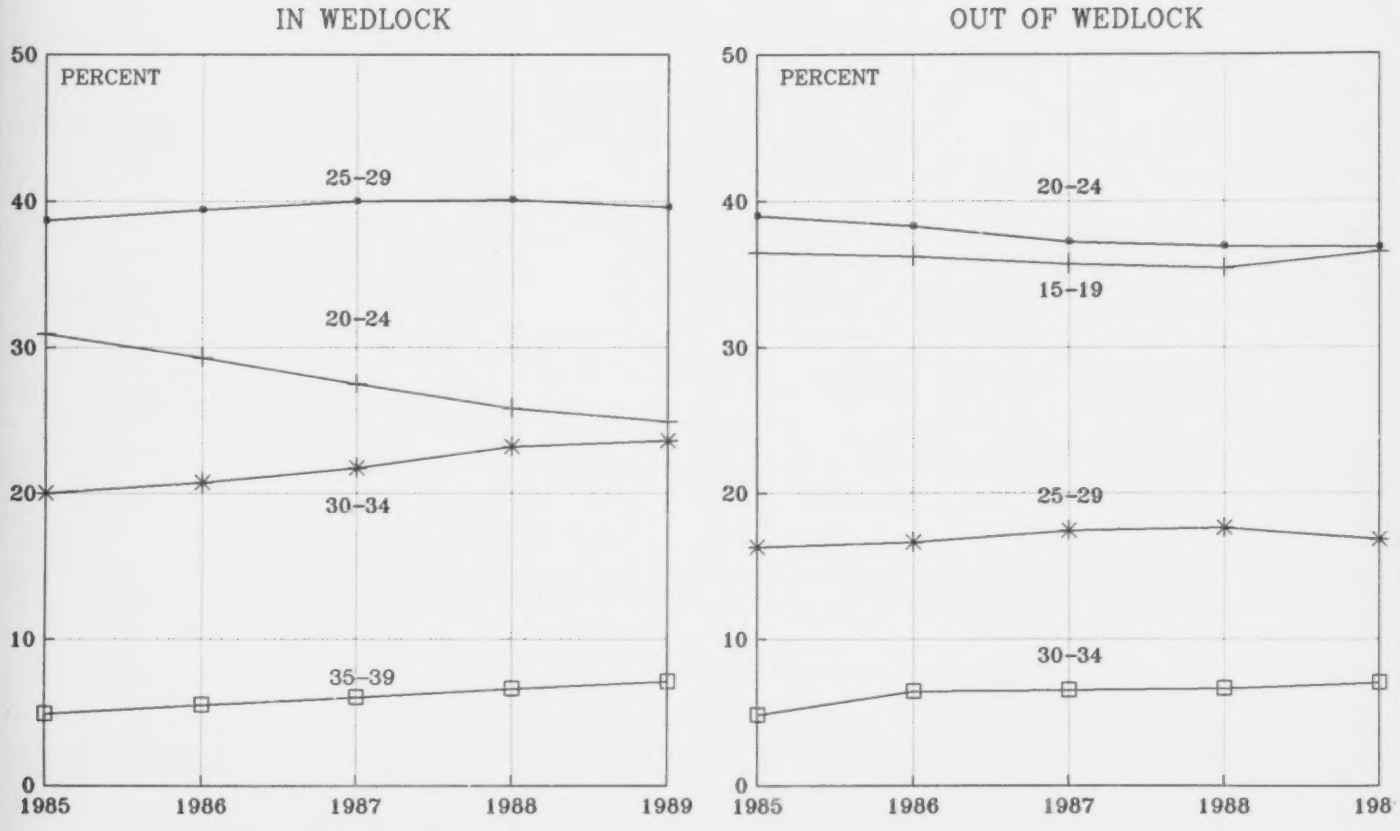
The marriage rate:

.In 1955, was 9.1 per 1,000 population; it is just slightly lower at 8.9 for this year.
.Was the highest, 9.6, in 1973, and 1978-79.
.In contrast, was the lowest at 6.9 for 1962.
.Is currently 7.3 percent below the peak rate, but two marriages per 1,000 population, or 29.0 percent, above the low rate during 1955-89.

The dissolution rate:

.For this year, 3.7 is nearly double the 1.9 rate per 1,000 population in 1955.
.Moreover, is currently 146.7 percent higher than the lowest rate during the period depicted, which is 1.5 in 1957.
.Rose throughout 1957-80, with same periods of stability.
.Reached 2.0 in 1966, and climbed above 3.0 by 1973.
.Peaked at 4.1 for 1980-81.
.Has declined since then to 3.7 in 1982, and remained nearly stable.
.Is now 9.8 percent below the peak 4.1 rate.

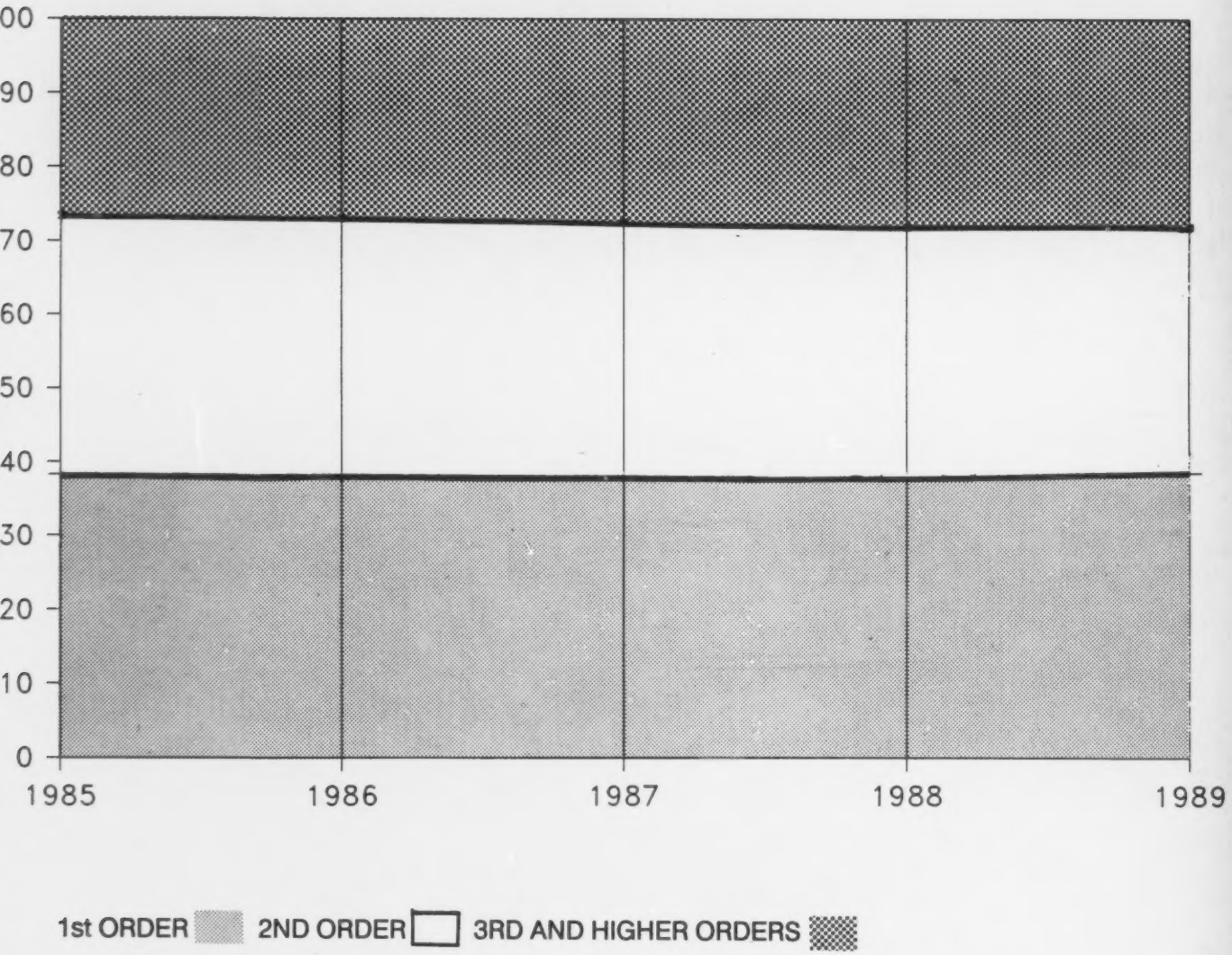
CHART 4
IN WEDLOCK AND OUT OF WEDLOCK LIVE BIRTHS BY AGE OF MOTHER, PERCENT DISTRIBUTION
1985-1989 Resident Data



In wedlock mothers continued to become older during 1985-89. The percentage of mothers within the 20-24 age group has continuously declined from 30.9 percent in 1985 to 24.9 percent in 1989. In contrast, mothers aged 25-29, account for 39.6 percent of in wedlock births which reflects stability since 1986. The 30-34 age category has increased steadily in proportion to a percentage of 23.6 for this year. Similarly, mothers 35-39 years of age have steadily risen in percentage from 4.9 in 1985 to a current 7.1

Out-of-wedlock mothers have aged slightly during the period depicted. Mothers aged 15-19 had steadily, but slightly decreased from 36.5 percent of all out-of-wedlock mothers in 1985 to 35.4 last year. However, the current percentage has risen back to the 1985 level. The 20-24 age category has continuously declined. It constituted 39.0 percent in 1985, compared to 36.8 currently, but the decrease from 37.2 percent for 1986 has been slight. Concerning the 25-29 age group, the percentage had increased continuously prior to this year; it was 16.3 at the beginning of the period shown, which rose to 17.6 for 1988. However, the current percent is down to 16.8. Mothers 30-34 years of age comprise 7.0 percent of all out-of-wedlock mothers; this proportion has risen each year, compare with 4.8 for 1985. The increase from 6.4 percent in 1986 has been very small, however.

CHART 5
LIVE BIRTH ORDERS, PERCENT DISTRIBUTION
1985-1989 Resident Data

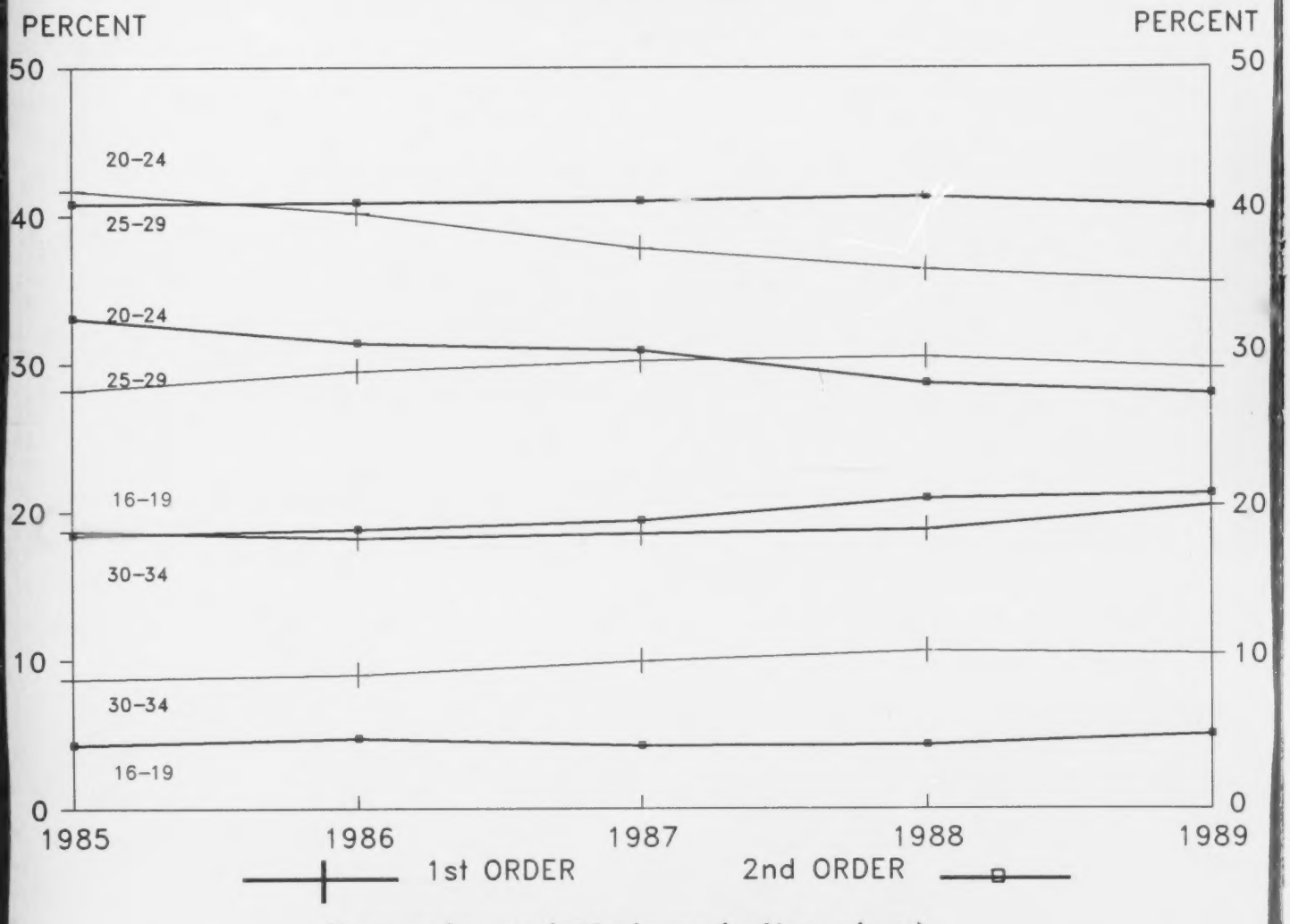


First order live births now comprise 38.5 percent of all live births, which is comparable to the 38.3 percentage for 1985. In contrast, the proportion had been nearly stable, but slightly declining during 1986-88; it was 37.8 percent last year.

The proportion of second order live births has declined continuously from 35.0 percent in 1985-86 to one-third, 33.3 percent for this year.

Compared to 26.7 percent in 1985, the percentage of third and higher order live births has steadily increased to 28.2 for 1988-89.

CHART 6
FIRST AND SECOND LIVE BIRTH ORDERS BY AGE OF MOTHER
PERCENT DISTRIBUTION
1985-1989 Resident Data

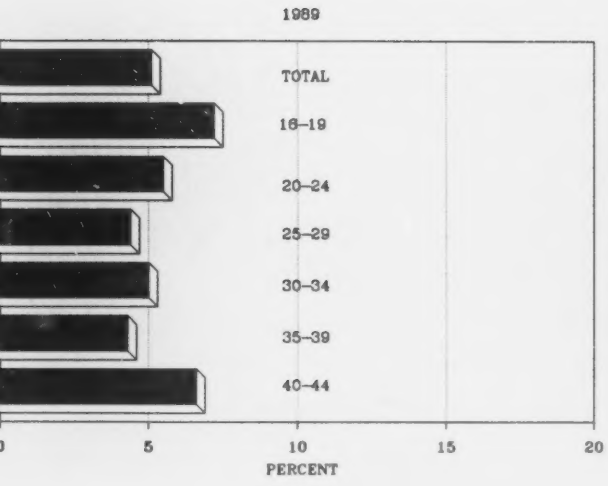


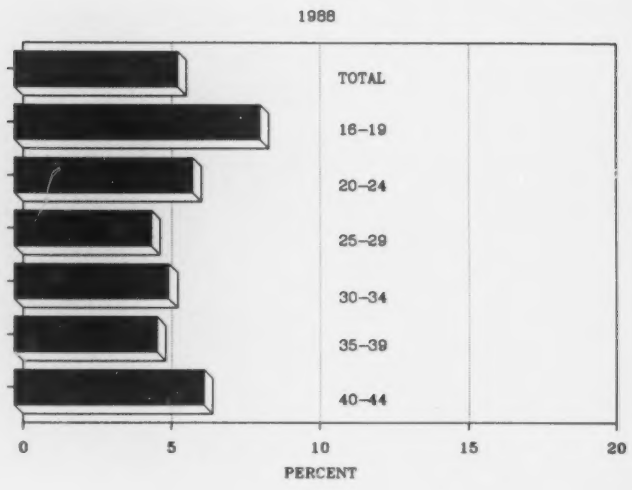
(Age groups for ages under 15 and greater than 34 are not known)

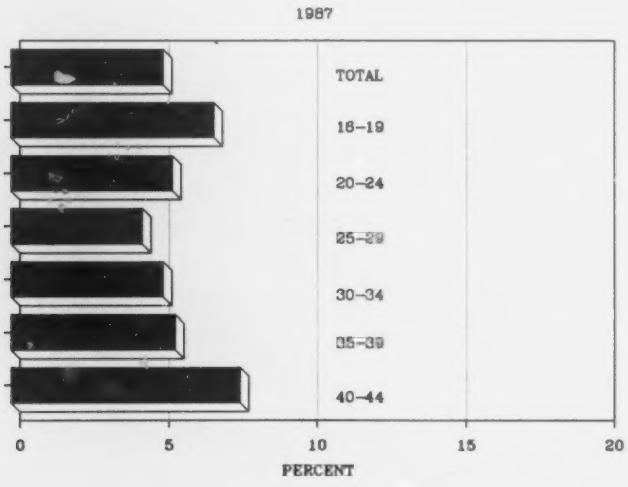
Mothers aged 16-19 years account for 20.4 percent of the first order live births. This proportion has increased continuously from 18.2 percent for 1986. In contrast, the 20-24 age group has steadily decreased to a current 35.5 percentage, compared to 41.7 percent at the beginning of the period shown. Both of the older age classifications are increasing. From 28.2 percent for 1985, the 25-29 age category steadily rose to 30.5 last year; this percentage has declined slightly, however, to a current 29.7. Mothers, 30-34 years of age, also rose continuously in percentage during 1985-88, from 8.7 to 10.6, but it is nearly stable at 10.4 percent in 1989.

Among mothers experiencing second order live births, the percentage in the 16-19 age group has been almost stable; it is currently 5.0 percent. Mothers aged 20-24, have decreased steadily, in contrast, from 33.1 percent for 1985 to a current 28.0. Remaining nearly stable during 1985-89, the 25-29 age category constitutes 40.6 percent for 1989. Mothers 30-34 years of age, however, have increased steadily from 18.4 percent of second order mothers in 1985 to a current 21.2 percentage.

CHART 7
IMMATURE LIVE BIRTHS AS A PERCENT OF TOTAL LIVE BIRTHS BY AGE OF MOTHER
1987-1989 Resident Data



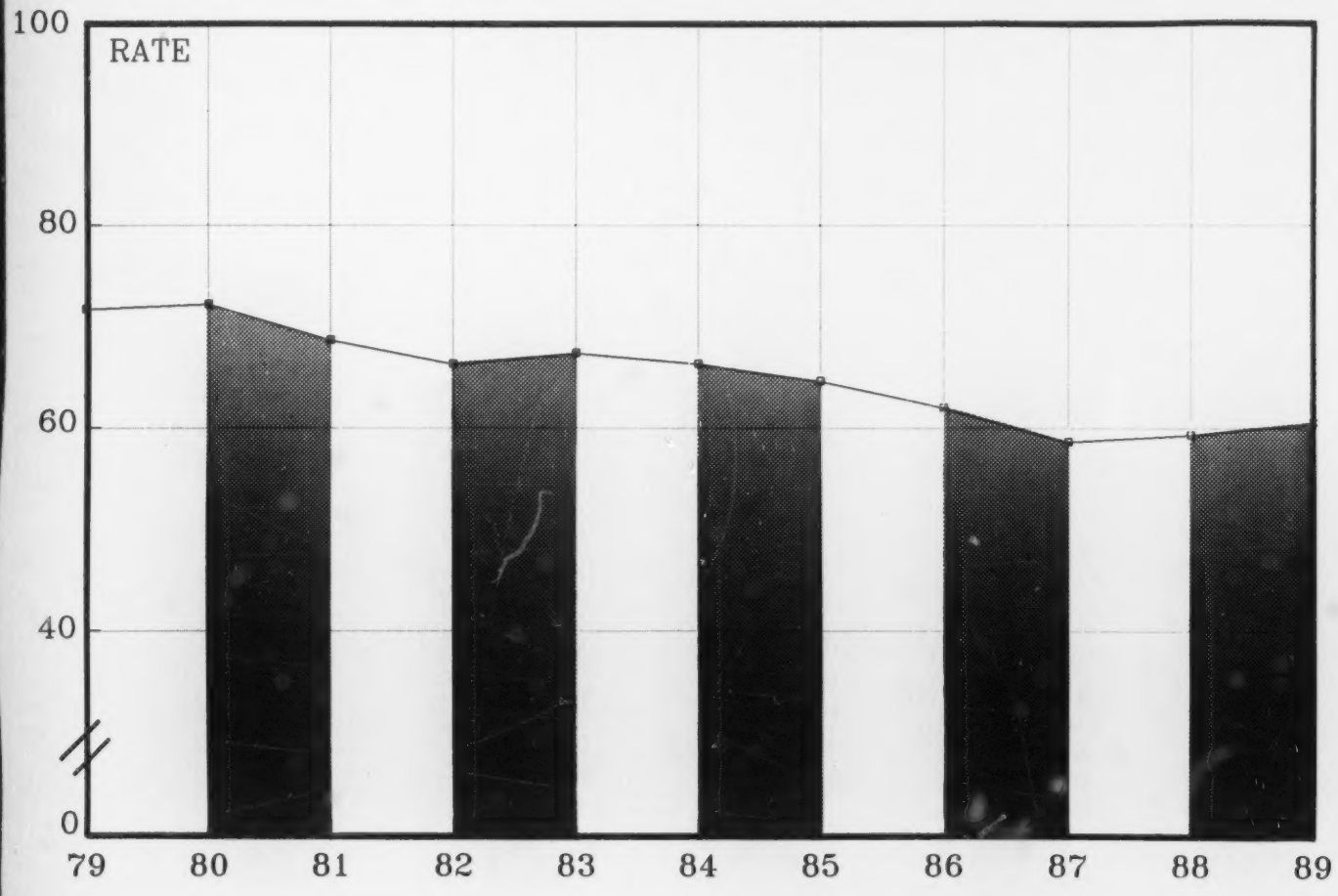




The highest proportion of immature live births for 1987 was experienced by the oldest age group of mothers; 7.7 percent of the live births to mothers, 40-44 years of age were immature. However, the youngest mothers, aged 16-19, had the highest percentage in 1988 and 1989 with 8.3 and 7.5 percent, respectively.

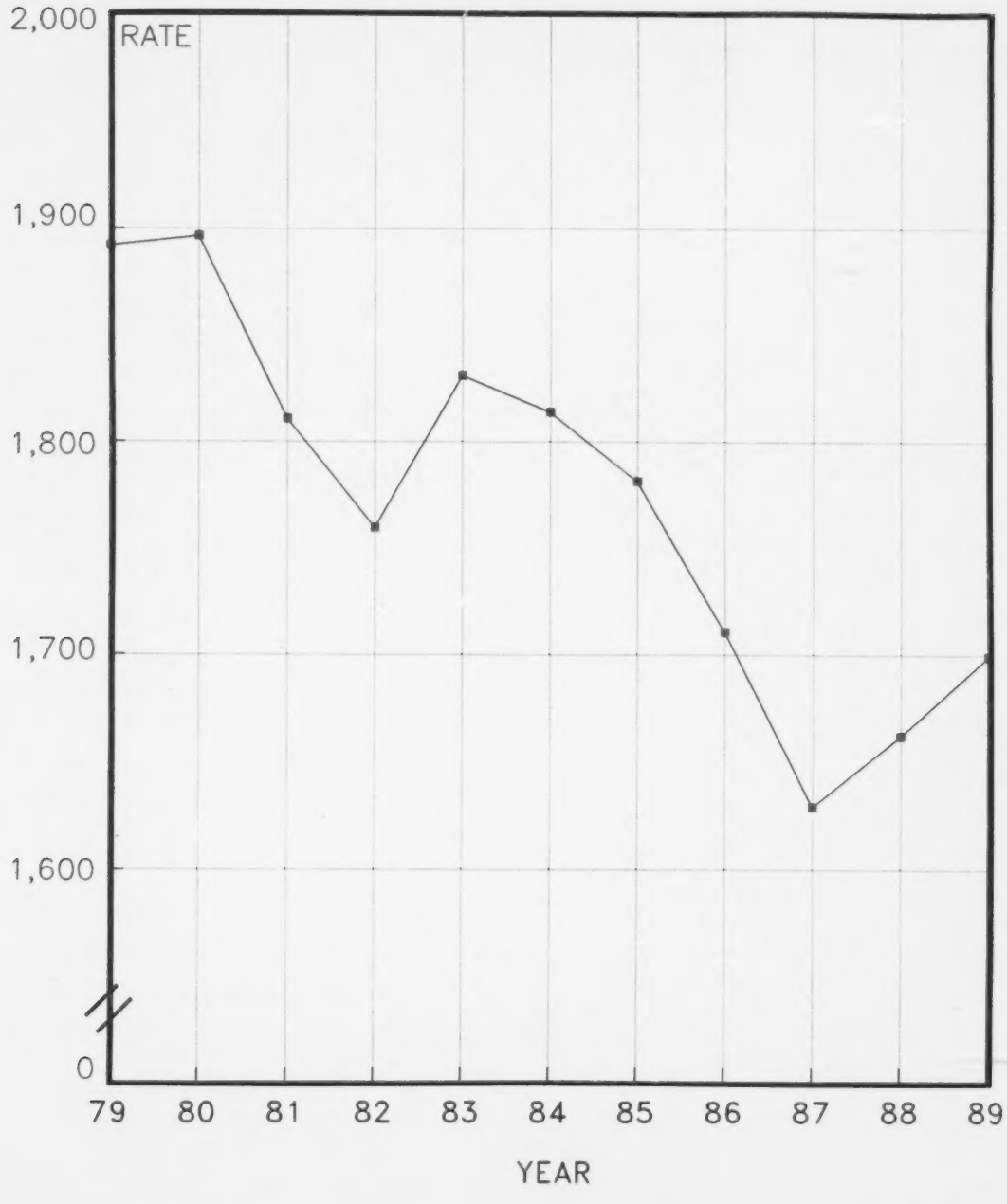
In contrast, the lowest percentage of immature live births was within the 25-29 age classification in 1987-88, at 4.4 percent and 4.7, respectively. Immature live births within the 35-39 age category comprise 4.6 percent of all the live births for 1989; this is the lowest current proportion concerning any age group.

CHART 8
GENERAL FERTILITY RATE BY YEAR
1979-1989 Resident Data



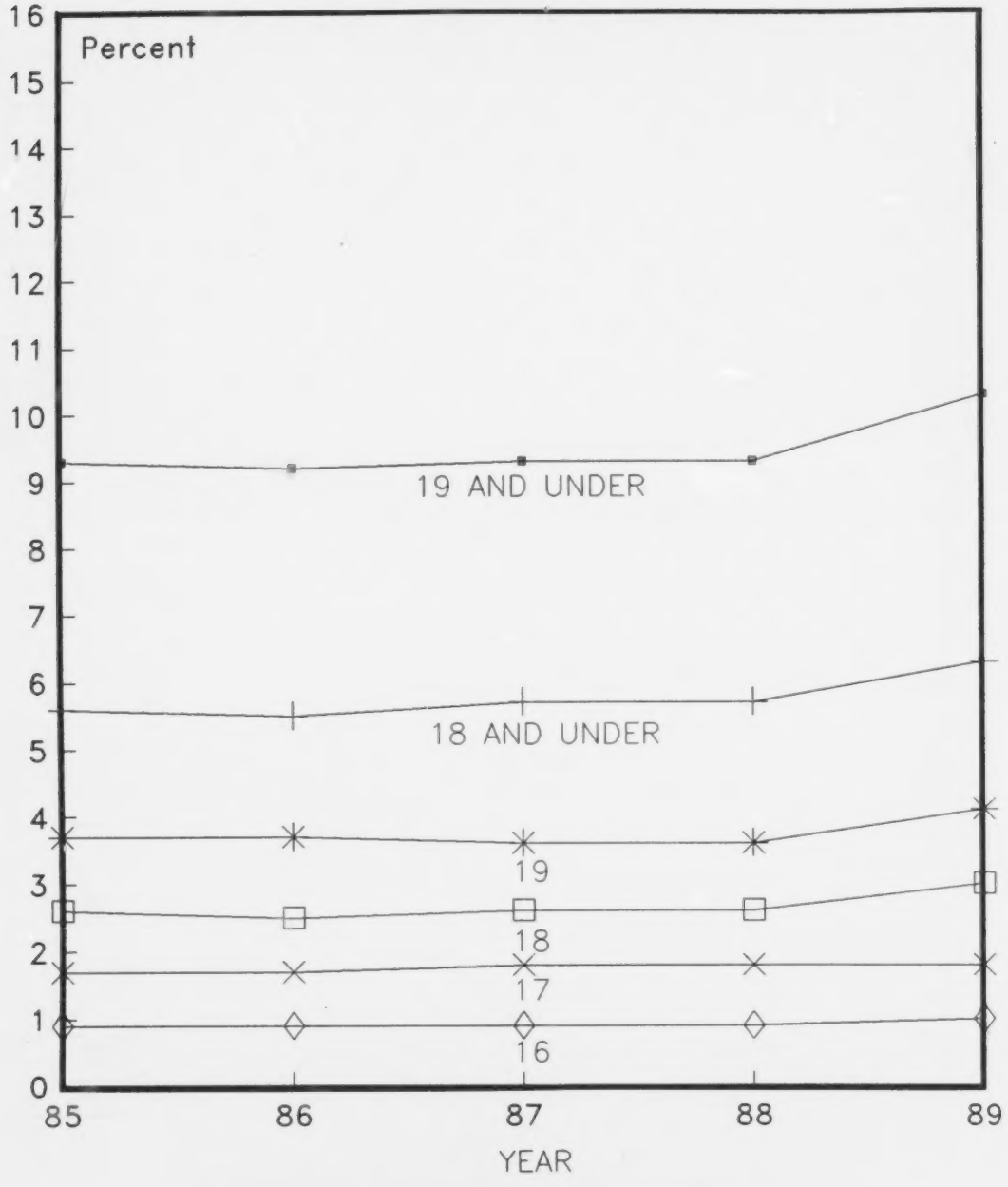
Compared to 72.2 in 1980, which is the peak rate for the period depicted, the general fertility rate has decreased by 16.2 percent. The current rate is 60.5 live births per 1,000 women aged 15-44. The longest continual decline was from 67.4 for 1983 to 58.6 in 1987; this represents a 13.1 percent decrease. Nonetheless, the 1989 rate is up by 2.0 percent in comparison to 59.3 last year.

CHART 9
TOTAL FERTILITY RATE BY YEAR
1979-1989 Resident Data



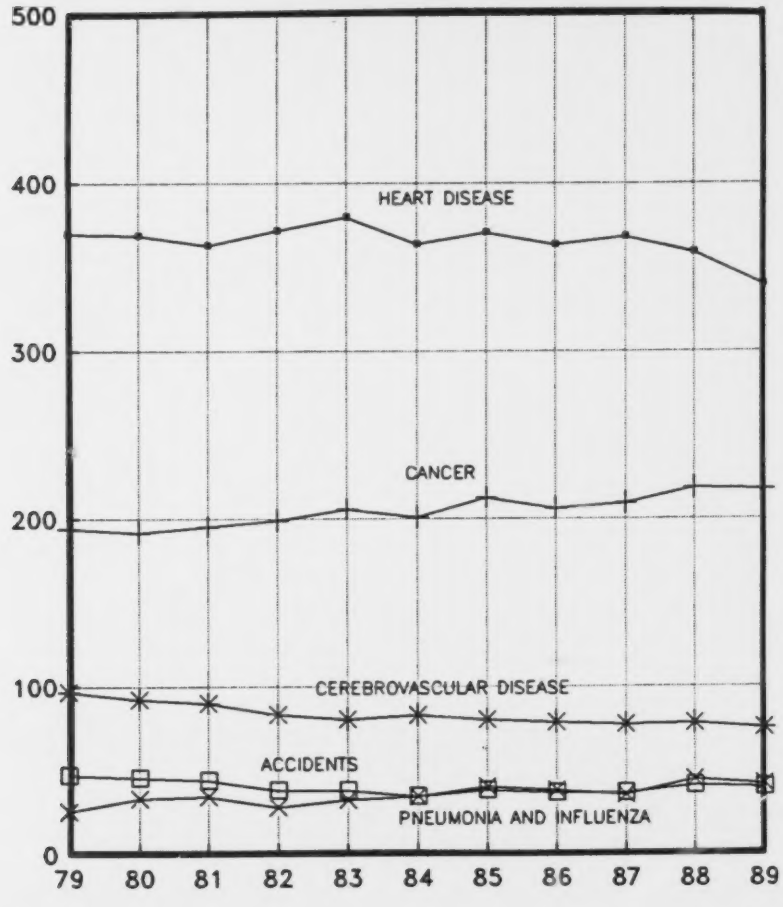
The total fertility rate is a theoretical measure, which indicates the number of live births per 1,000 women if the current age specific live birth rates remain unchanged. A total fertility rate of 2,100 is necessary to maintain current population. The 1989 total fertility rate of 1,699.0 is below the replacement level. Moreover, the rate during the entire period depicted has been under 2,100. Compared to the 1,896.5 rate for 1980, which is the peak during the period shown, the current rate is down 10.4 percent. Nonetheless, the 1989 rate has increased by 4.3 percent from the 1,629.0 low in 1987.

CHART 10
LIVE BIRTHS BY TEENAGE MOTHERS AS PERCENTS OF TOTAL LIVE BIRTHS
1985-1989 Resident Data



Following a stable four-year period, the percent of live births to teenage mothers increased to 10.3 from 9.3 last year. The percentage for the 18 and under age group has also increased slightly; it is currently 6.3 percent, compared with 5.7 in 1988. The single years of age, 18 and 19 both increased slightly for this year, but 16 and 17 remained stable in 1989.

CHART 11
RATES FOR SELECTED CAUSES OF DEATH
1979-1989 Resident Data
Rate Per 100,000 Population



Death, due to heart disease, decreased by 5.3 percent in 1989 to a rate of 340.0 per 100,000 population. In addition, the rate for this year is 7.6 percent below 368.0 in 1987, which represents the most recent upswing. Moreover, the rate has dropped by about one tenth, 10.5 percent, from 379.8 in 1983, which is the highest rate for the period shown. The current rate is the lowest since 1948, which was 338.3.

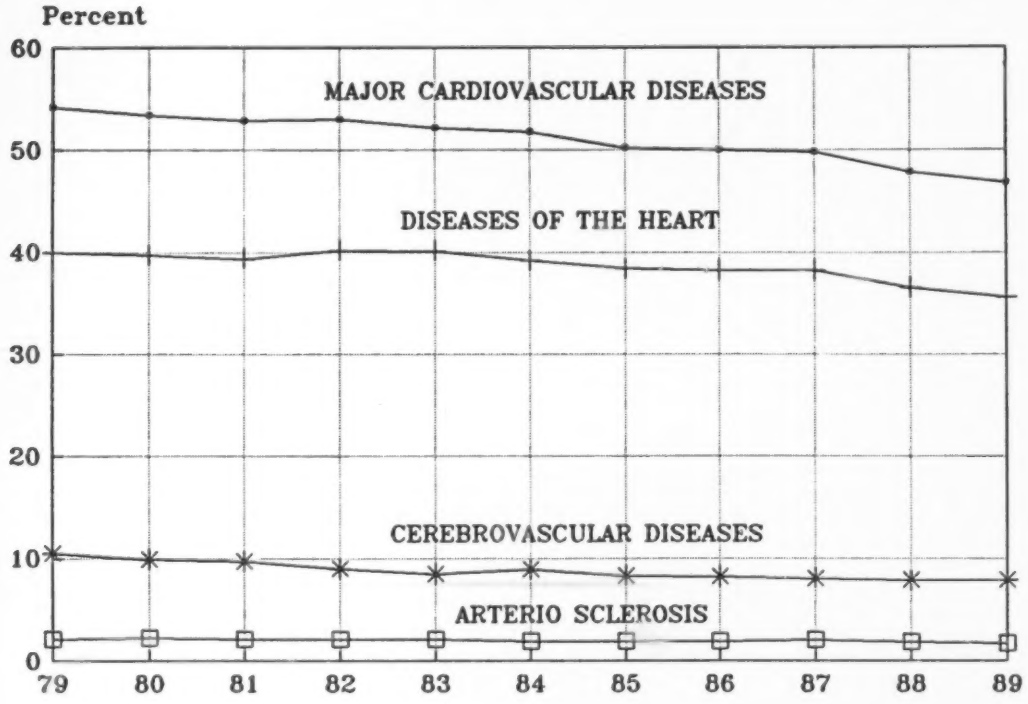
In 1989, the death rate due to cancer is nearly stable at 217.6, compared to 218.1 a year ago. The cancer death rate has fluctuated upward by 13.6 percent from 191.5 for 1980, which is the lowest rate during 1979-89.

Excluding upswings in 1984 and 1988, the cerebrovascular disease death rate has continuously declined during the period depicted. The current 75.3 rate is a decrease of 22.1 percent from 96.7 for 1979. Compared with 78.1 for last year, the 1989 rate has decreased by 3.6 percent.

The accident death rate decreased by 3.4 percent to 39.7 for 1989 from 41.1 last year. Moreover, the current rate has dropped by 15.9 percent, compared to a 47.2 rate in 1979. However, the rate this year is five deaths per 100,000 population, or 14.4 percent, higher than 34.7 for 1984. which is the lowest rate in the period shown. Following a steady decline during 1979-84, the death rate due to accidents has fluctuated upward.

Pneumonia and influenza deaths remain high at 41.7 per 100,000 population. This rate is down by 6.1 percent from 44.4 a year ago; however, the 1988 rate was the peak during 1979-89. In addition, the current rate is 61.0 percent higher than 25.9 for 1979 which is the low rate in the period depicted.

CHART 12
SELECTED CARDIOVASCULAR DISEASE DEATHS AS A PERCENT OF TOTAL DEATHS
1979-1989 Resident Data



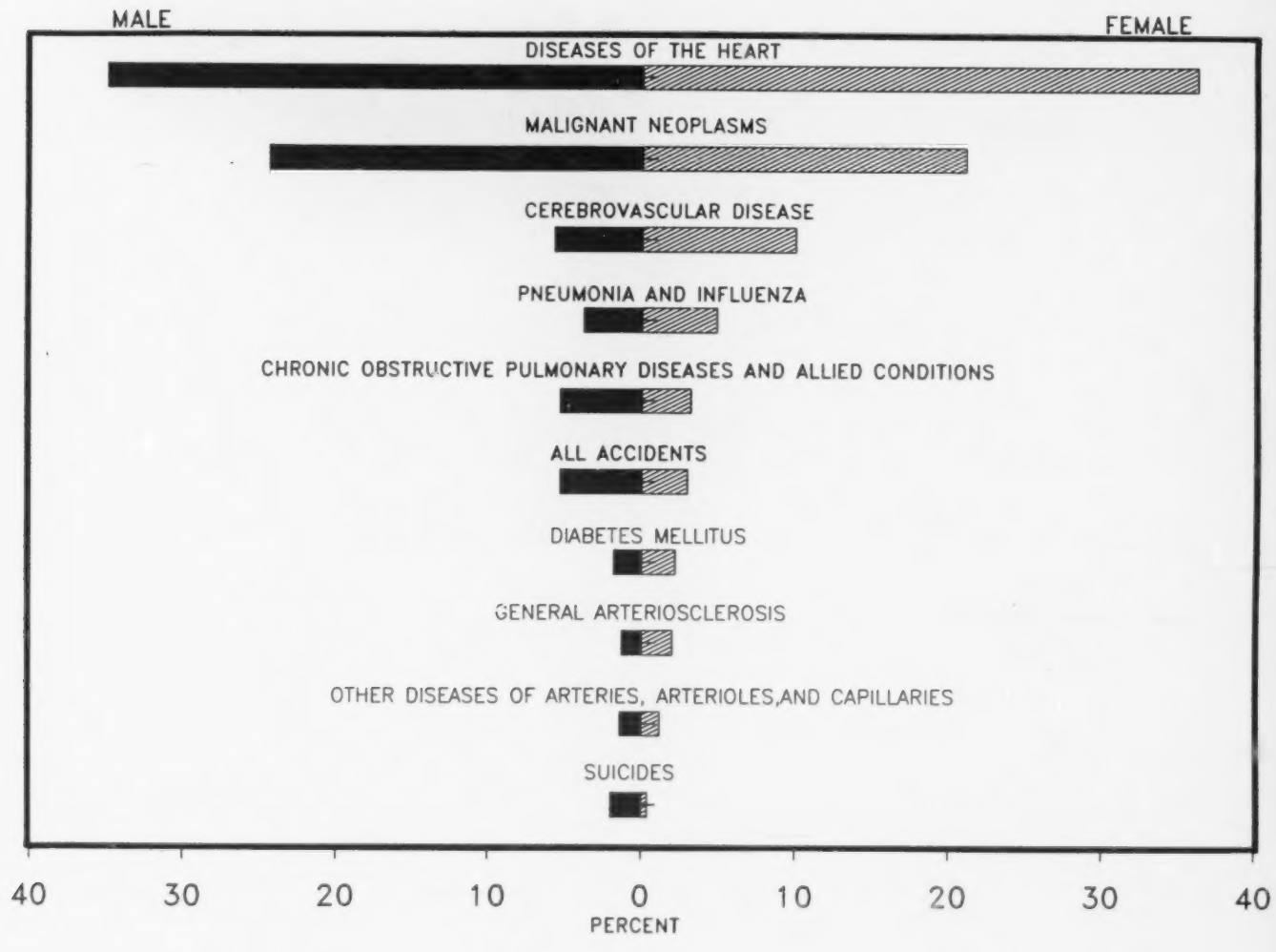
The percentage of deaths due to major cardiovascular disease has dropped from 54.2 in 1979 to a current 46.8. Excluding a very slight upswing for 1982, the decrease has been continuous.

Currently, 35.6 percent of the total deaths are caused by diseases of the heart. This percentage has almost steadily decreased since 1982 compared to 40.2 in 1982 (it was a stable 38.2 for 1986-87).

Cerebrovascular disease has stabilized at 7.9 percent of all deaths in 1989. Excluding an upswing in 1984, the proportion decreased steadily during 1979-88, but the decline from 8.2 percent for 1985 has been very gradual. Nonetheless, the current percentage is down considerably, compared with 10.5 in 1979.

Arteriosclerosis has declined continuously since 1987, from 2.0 percent to 1.7 for this year. In contrast, the percentage was stable at slightly above 2.0 during 1979-83, and again stable at just below 2.0 throughout 1984-86.

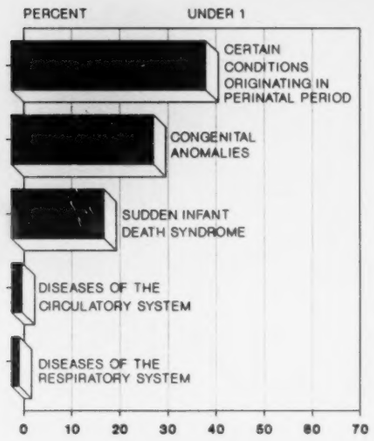
CHART 13
TEN LEADING CAUSES OF DEATH AS PERCENTS OF TOTAL DEATHS FOR MALE AND FEMALE
1989 Resident Data

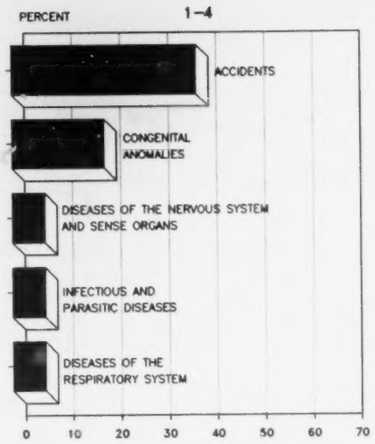


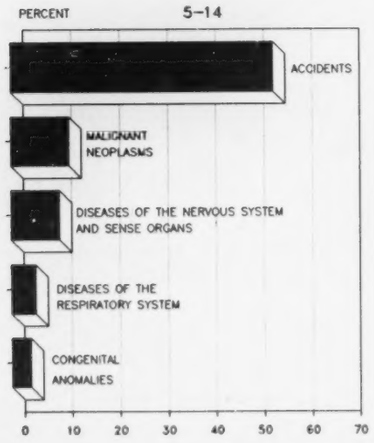
Malignant neoplasms cause one-fourth of the male deaths (24.4 percent); this is a higher proportion, compared to 21.1 percent among females. Chronic obstructive pulmonary diseases, accidents and suicides are more frequent causes of death in males.

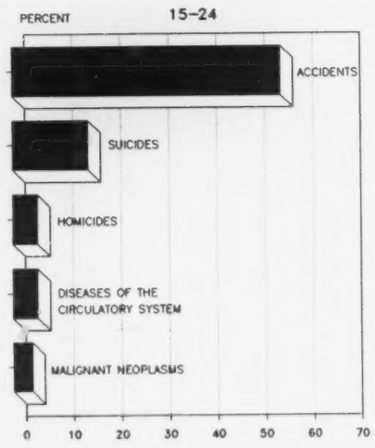
Diseases of the heart comprise 36.2 percent of the female deaths, which is higher than the 34.9 percentage among males. Cerebrovascular disease, pneumonia and influenza are more prominent causes of death in females versus males.

CHART 14
LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS
1989 Resident Data


PERCENT
UNDER 1
CERTAIN CONDITIONS ORIGINATING IN PERINATAL PERIOD
CONGENITAL ANOMALIES
SUDDEN INFANT DEATH SYNDROME
DISEASES OF THE CIRCULATORY SYSTEM
DISEASES OF THE RESPIRATORY SYSTEM
0 10 20 30 40 50 60 70





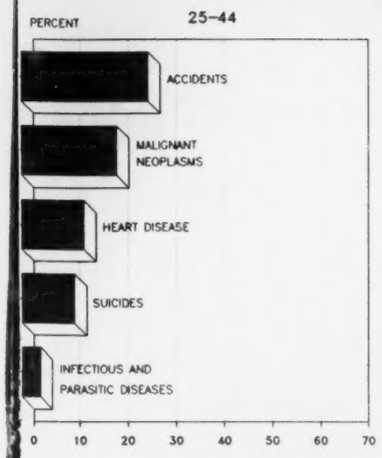


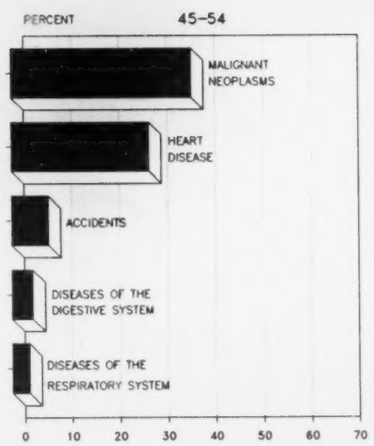
Maternal complications, short gestation, low birthweight and respiratory distress syndrome are causes of 40.5 percent of death in children under age one. In contrast, congenital anomalies increased somewhat to 29.6 percent from 25.8 a year ago. Sudden infant death syndrome stabilized at 19.4 percent.

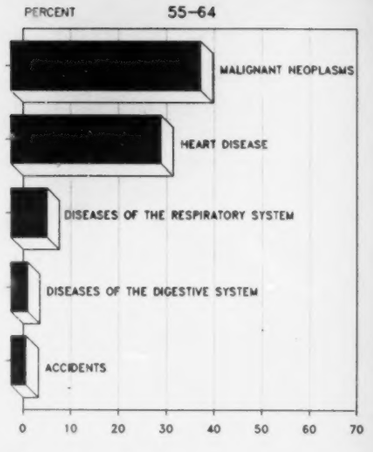
Accidents decreased to 38.4 percent this year from 44.4 last year within the 1-4 age group. Congenital anomalies rose, however, to 19.2 percent, compared with 12.7 for 1988. Diseases of the nervous system and sense organs currently constitute 6.8 percent, which is the same percentage concerning infectious and parasitic diseases, and diseases of the respiratory system. Malignant neoplasms and homicides have been replaced as leading causes; these two ranked fourth and fifth, respectively, a year ago.

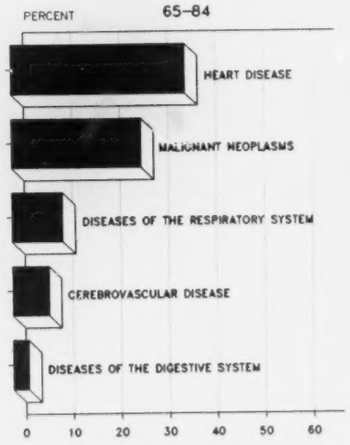
Accidents increased considerably in 1989 concerning children 5-14 years of age; the current percent is 54.5 compared to 45.3 last year. Malignant neoplasms, in contrast, have decreased to 12.1 percent from 21.1 for 1988. Diseases of the circulatory system have been replaced by diseases of the respiratory system as the fourth leading cause.

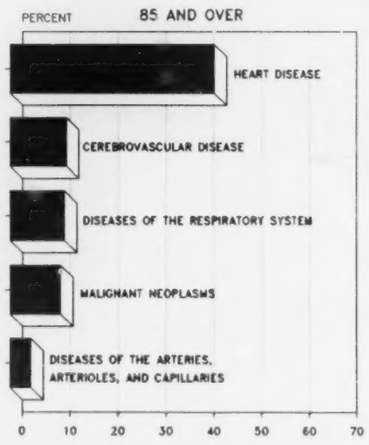
Within the 15-24 age category, accidents have dropped to 55.9 percent from 63.2 in 1988. Suicides have also declined; the percentage is 15.8 for this year, versus 17.0 a year ago. Homicides and malignant neoplasms have interchanged rankings in 1989.











Accidents are down somewhat concerning persons aged 25-44; the current percentage is 26.7 compared with 29.4 last year. Malignant neoplasms caused 20.2 percent of the deaths. Heart disease is up slightly to 13.4 percent this year from 12.2 a year ago. Infectious and parasitic diseases now replace diseases of the digestive system as the fifth leading cause.

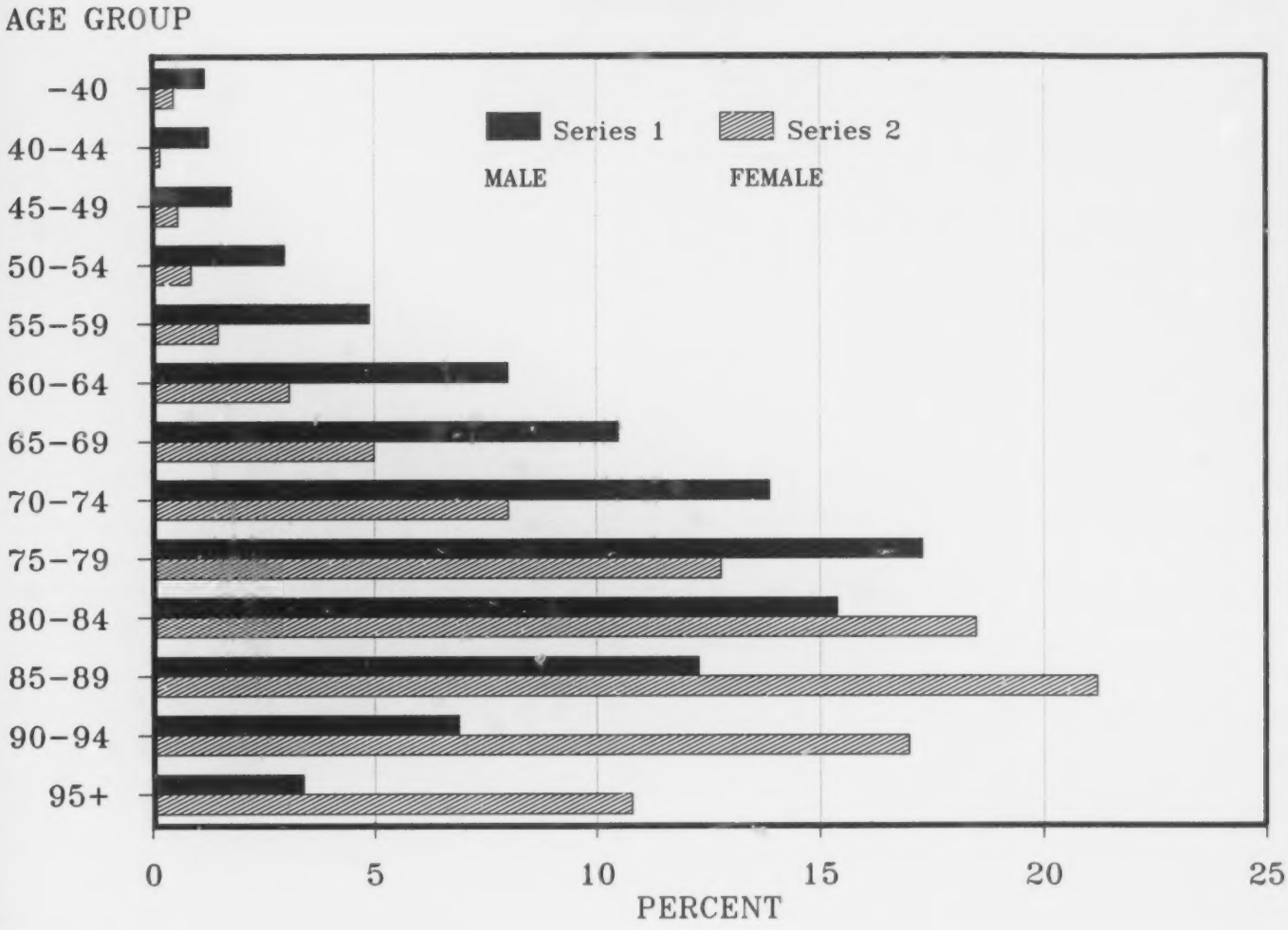
Malignant neoplasms are down considerably this year within the 45-54 age group, to 37.6 percent from 43.0 last year. Heart disease, in contrast, has increased to a current 28.8 percent versus 25.2 for 1988. Accidents are up slightly, and diseases of the respiratory system are stable, compared to the respective 1988 percentages. Suicides are replaced by diseases of the digestive system as the fourth ranking cause.

Malignant neoplasms retain the same 39.7 percentage now as in 1988 pertaining to persons 55-64 years of age. Heart disease has declined slightly to 31.4 percent from 33.2 a year ago. The other leading causes have increased by less than one percent, in comparison to their respective percentages for 1988.

Heart disease has declined slightly within the 65-84 age classification. The 1988 percentage was 36.2 compared to 37.8 in 1989. In contrast, malignant neoplasms have increased to 27.0 percent from 25.5 last year. The remaining three causes of death have changed very slightly concerning percentages.

Currently, 42.7 percent of the deaths concerning persons 85 years of age and older are due to heart disease. This percentage has decreased very slightly, compared with 43.0 last year. The other four leading causes have also changed by less than one percent from the respective percentages a year ago.

CHART 15
HEART DISEASE DEATHS BY AGE AND SEX PERCENT DISTRIBUTION
1989 Resident Data



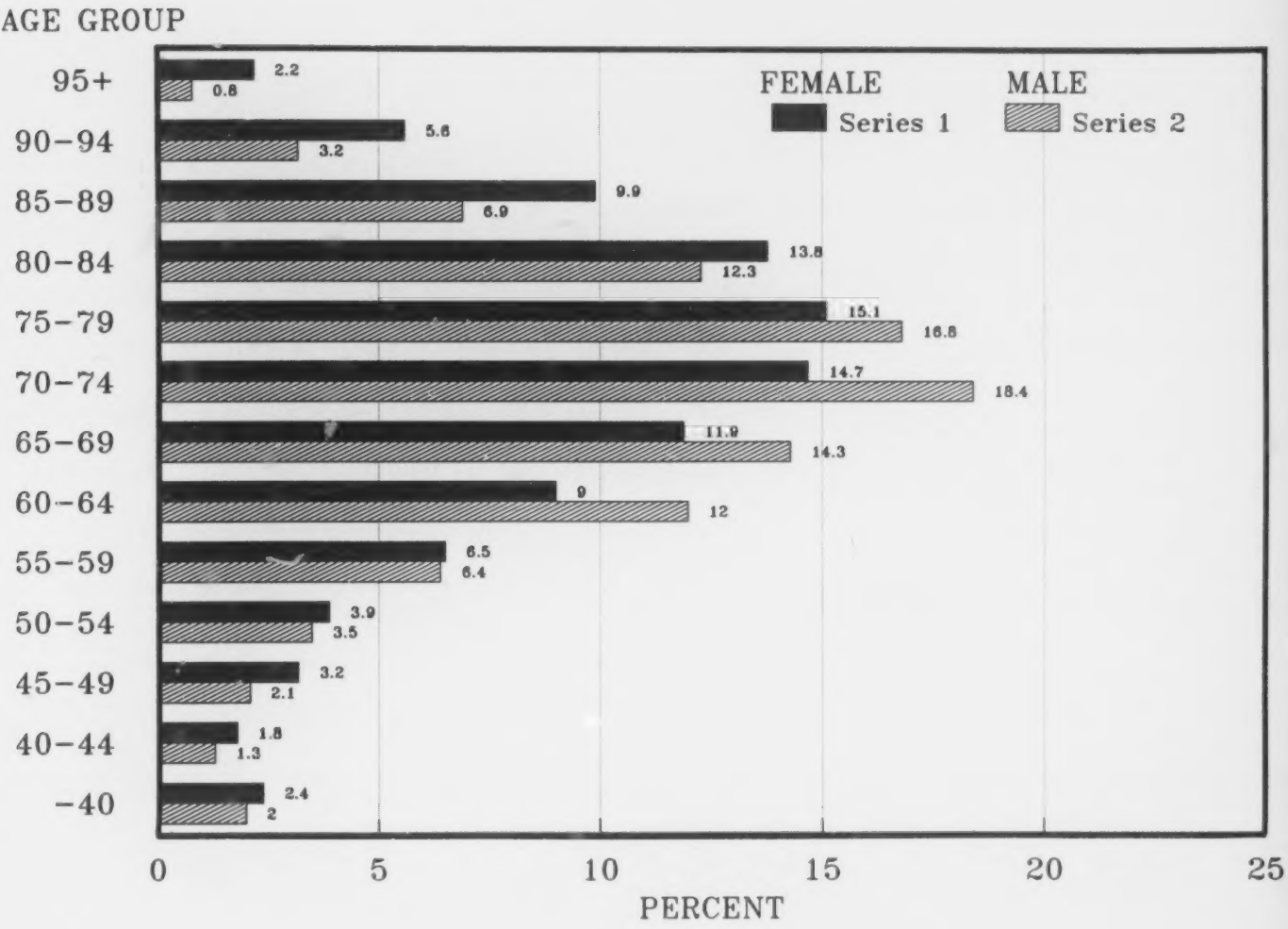
Concerning males who die of heart disease:

- 79.7 percent are aged 65 or older.
- 22.6 percent are 85 years of age or older.
- 10.3 percent are age 90 or older.
- The largest five year age group is 75-79 with 17.3 percent.
- 46.6 percent are concentrated in the age categories which encompass 70 through 84.

Among females whose deaths are due to heart disease:

- 93.3 percent are age 65 or older.
- 49.0 percent are 85 or older.
- 27.8 percent are age 90 or older.
- 21.2 percent are in the 85-89 age classification.
- 56.7 percent are in the 80-94 age group.

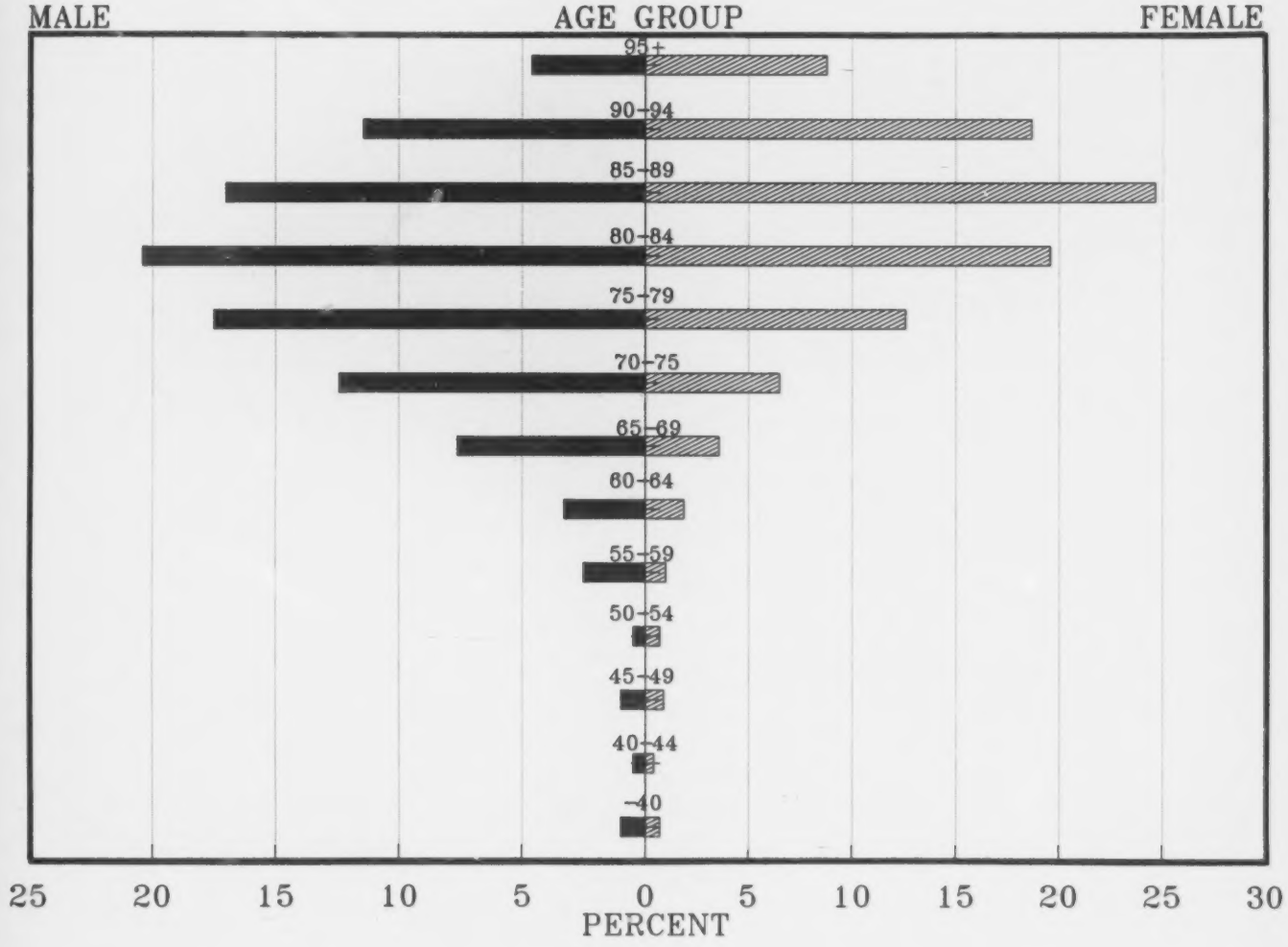
CHART 16
MALIGNANT NEOPLASMS DEATHS BY AGE AND SEX
PERCENT DISTRIBUTION
1989 Resident Data



The largest age group concerning male malignant neoplasms deaths is 70-84 with an 18.4 percentage. Moreover, 49.5 percent are contained in three age categories: 65-69, 70-74 and 75-79. More than seven of ten deaths take place at age 65 or older (72.7 percent). About one-tenth of the male deaths, 10.9 percent, are aged 85 and above.

Among females who die of malignant neoplasms, the largest age group is 75-79 years at 15.1 percent. The age group of 70-74 is almost as large with a 14.7 percentage. In addition, 43.6 percent of the deaths are concentrated within three age categories, which encompass 70-84. More than seven of ten deaths, 73.2 percent are aged 65 plus, and 17.7 percent involve females 85 years of age and older.

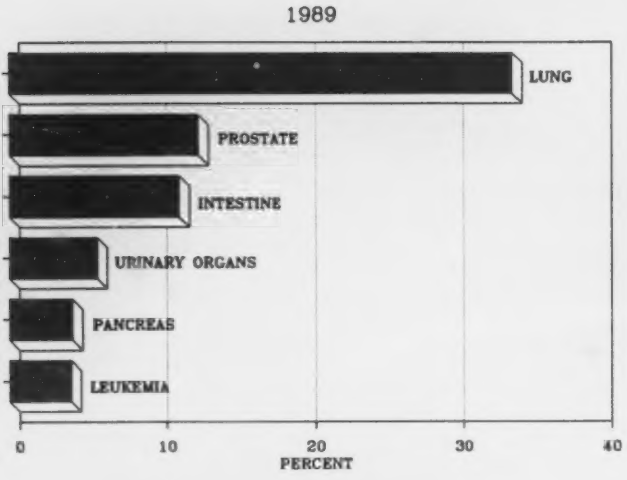
CHART 17
CEREBROVASCULAR DISEASE DEATHS BY AGE AND SEX
PERCENT DISTRIBUTION
1989 Resident Data

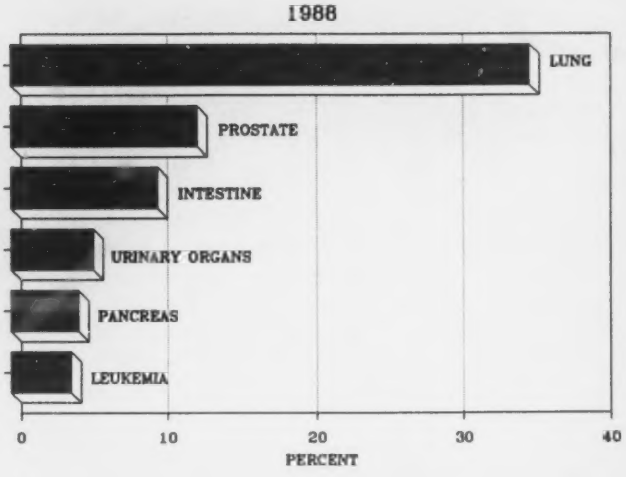


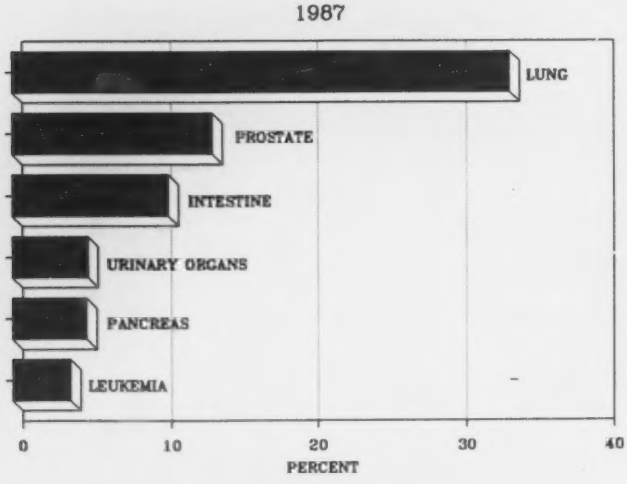
One-fifth of the male cerebrovascular disease deaths are within the 80-84 age group (20.4 percent). The 75-79, 80-84 and 85-89 age categories account for 54.9 percent. Nine of ten deaths are aged 65 and over (90.9 percent). One-third, 33.0 percent, of the males who die from cerebrovascular disease are 85 years of age and older.

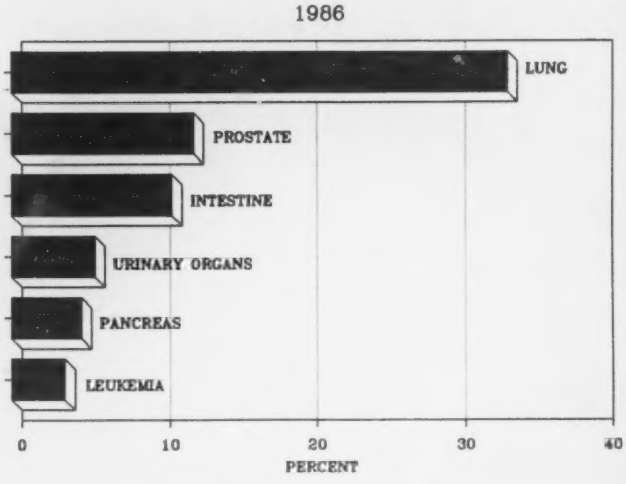
One-fourth of the female deaths due to cerebrovascular disease, 24.7 percent, occur in age group 85-89. The age classifications which span 80-94 account for 63.0 percent. Nearly all of the deaths take place after 64 years of age (94.5 percent). In addition, more than one-half of the female cerebrovascular disease deaths, 52.2 percent, involve age 85 plus.

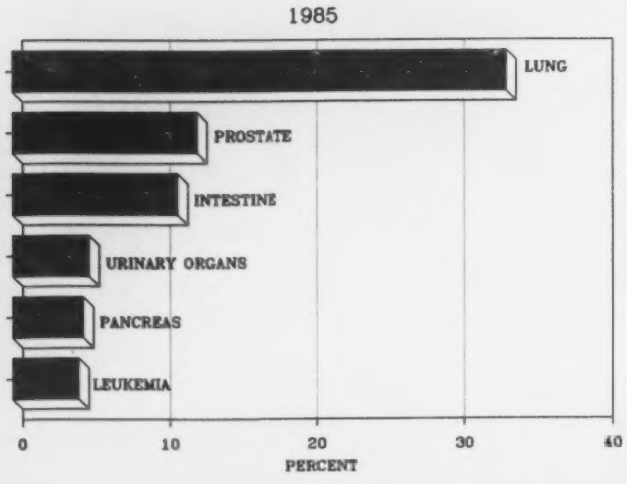
CHART 18
LEADING SITES, MALE MALIGNANT NEOPLASMS DEATHS
PERCENT DISTRIBUTION
1989 Resident Data











Lung cancer is down to 34.0 percent of all male malignant neoplasms deaths. It was 35.2 last year. It was stable, as compared to 33.5 percent during 1985-86, and 33.6 for 1987.

Cancer of the prostate has been nearly stable during the period depicted, excluding a 13.5 percentage in 1987. The current 12.8 percent is up slightly compared to 12.7 in 1988 and 12.5 for 1985.

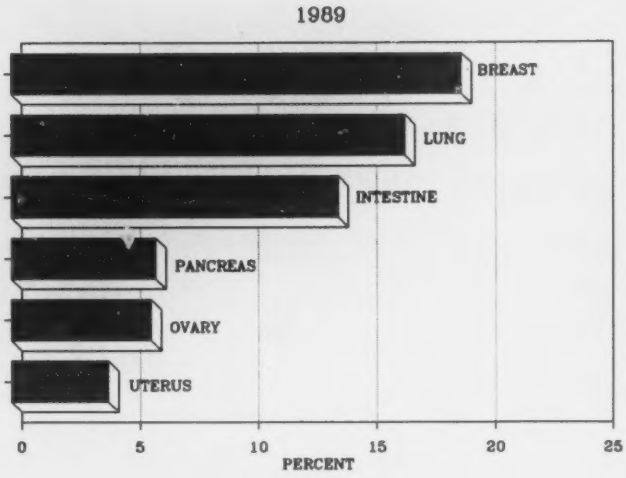
Cancer of the intestine steadily decreased 11.2 percent in 1985 to 10.0 for 1988. In contrast, the current 11.5 percentage is back up to the 1985 level.

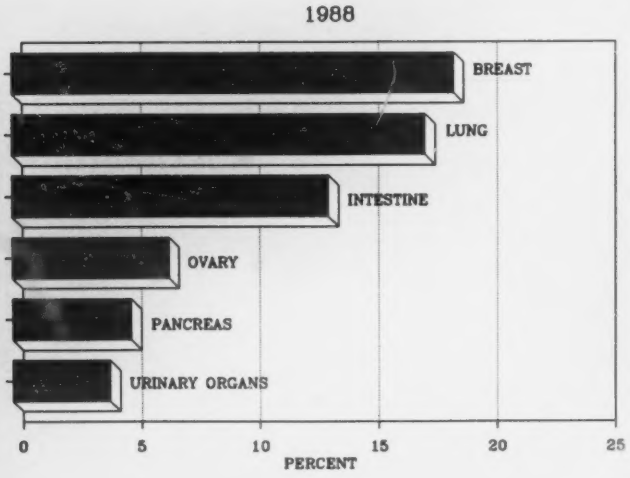
CHART 19
LEADING SITES, FEMALE MALIGNANT NEOPLASMS DEATHS
PERCENT DISTRIBUTION
1989 Resident Data

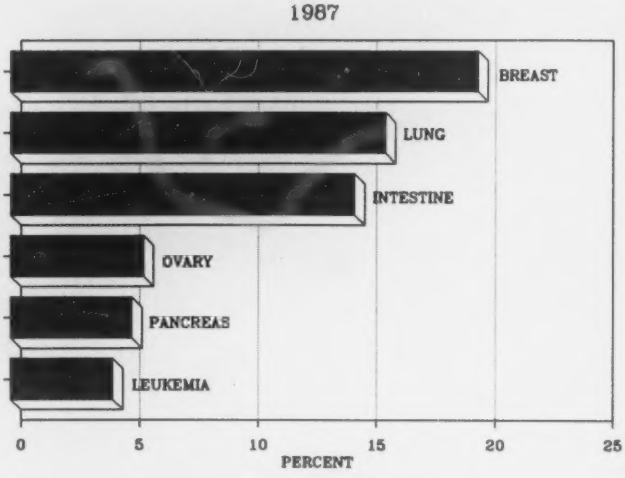
Breast cancer has fluctuated upward during 1985-89. Currently, 19.0 percent of female malignant neoplasms are due to breast cancer. This percentage is down slightly from the high 19.7 percent in 1987, but is up compared with the low 17.9 percentage for 1986. Last year it was 18.6 percent.

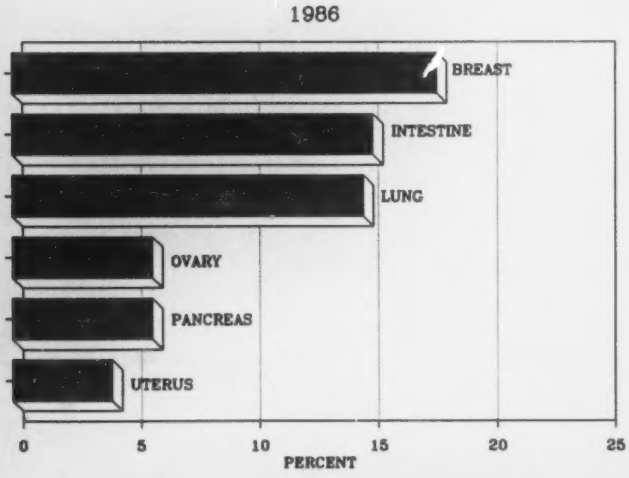
Lung cancer deaths among females steadily increased from 13.6 percent for 1985 to 17.4 in 1988. The current 16.6 percentage, in contrast, has decreased.

Deaths from cancer of the intestines, declined each year during 1985-88; it comprised 15.5 percent at the beginning of the period depicted, compared to 13.3 for last year. However, the percentage rose to 13.8 in 1989.









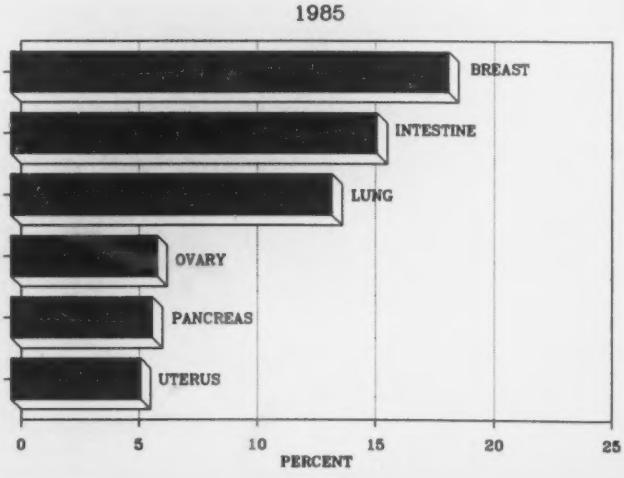
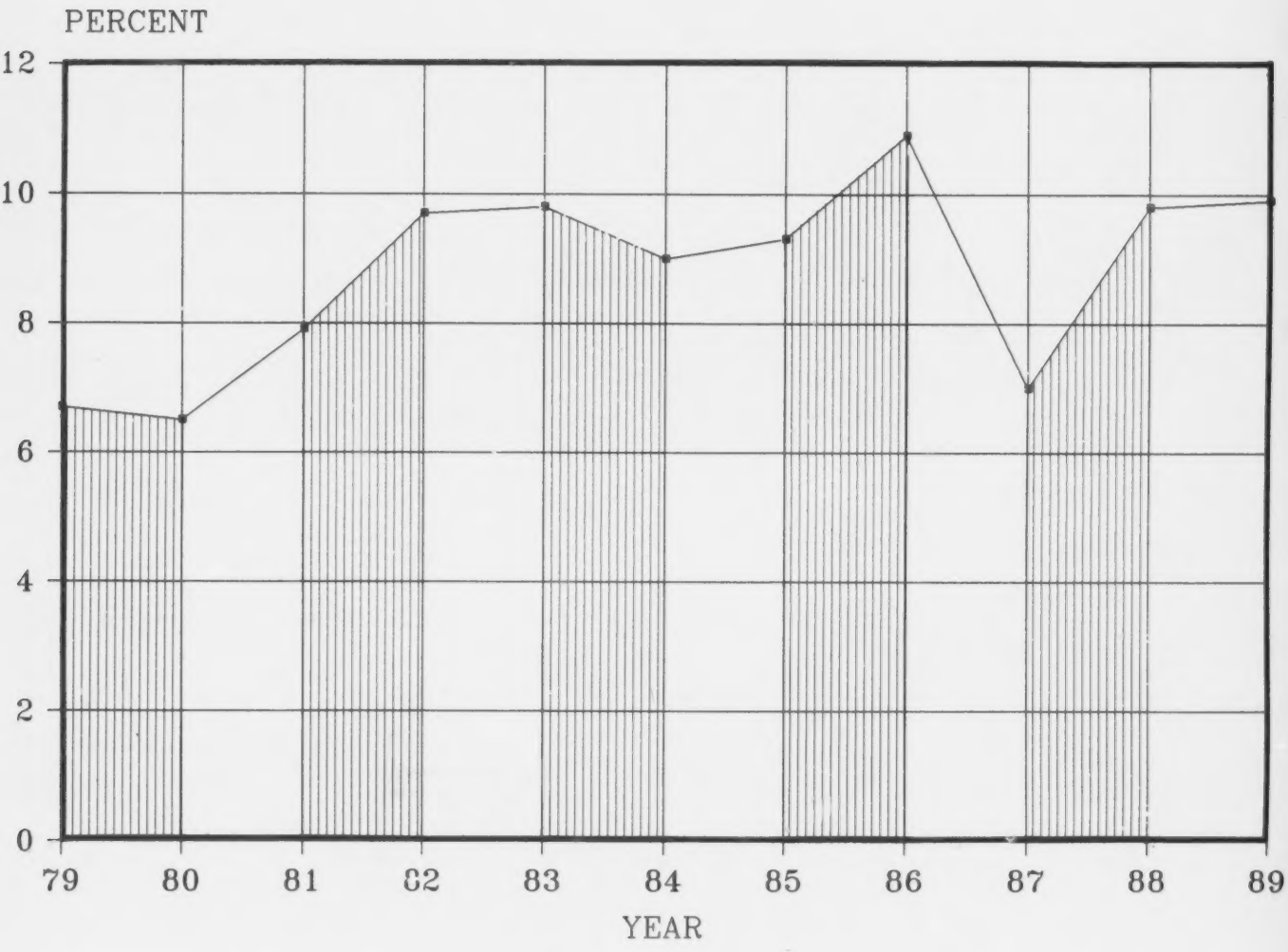
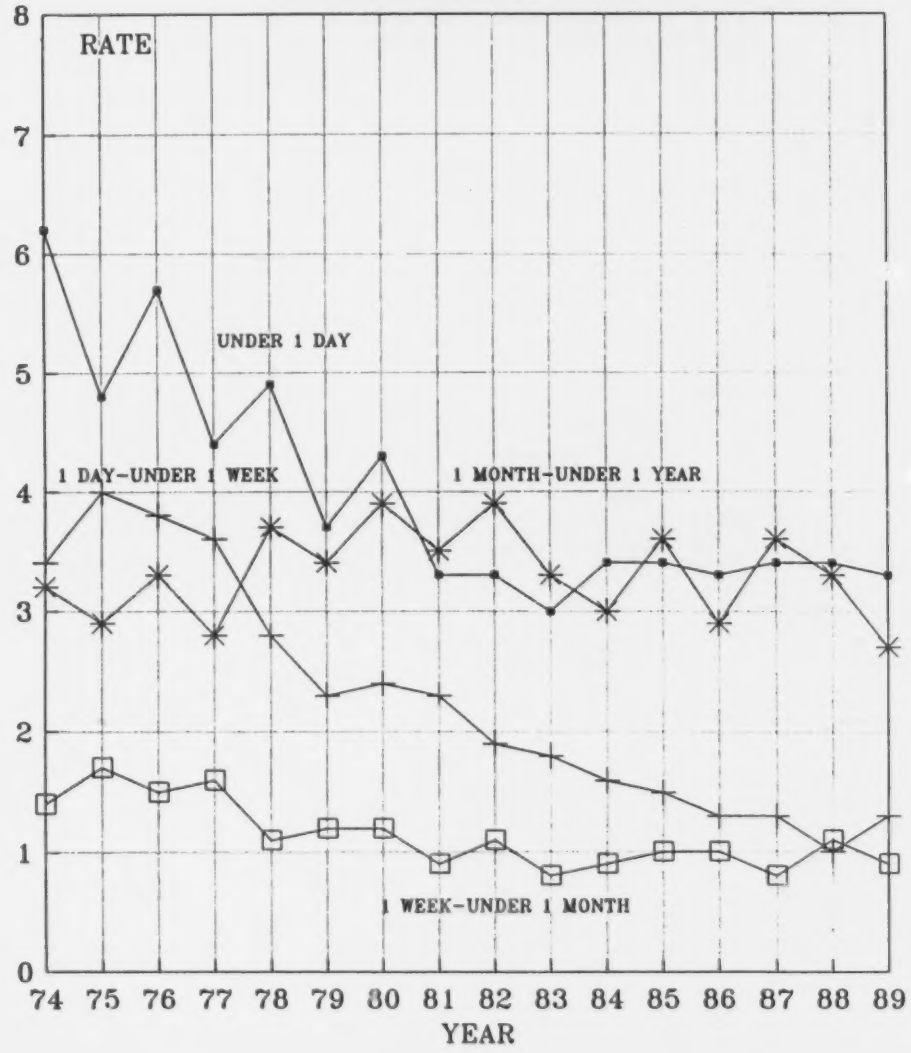


CHART 20
TEENAGE SUICIDE DEATHS AS A PERCENT OF TOTAL SUICIDE DEATHS
1979-1989 Resident Data



Teen age suicide deaths, as a percent of all suicide deaths, have stabilized at 9.9 percent for 1989. This is only one percent below the 10.9 peak in 1986. Moreover, the proportion has been high since 1981, excluding a low 7.0 percentage for 1987.

CHART 21
INFANT DEATH RATES
BY SUBDIVISION OF THE FIRST YEAR OF LIFE
1974-1989 Resident Data
Rate Per 1,000 Live Births



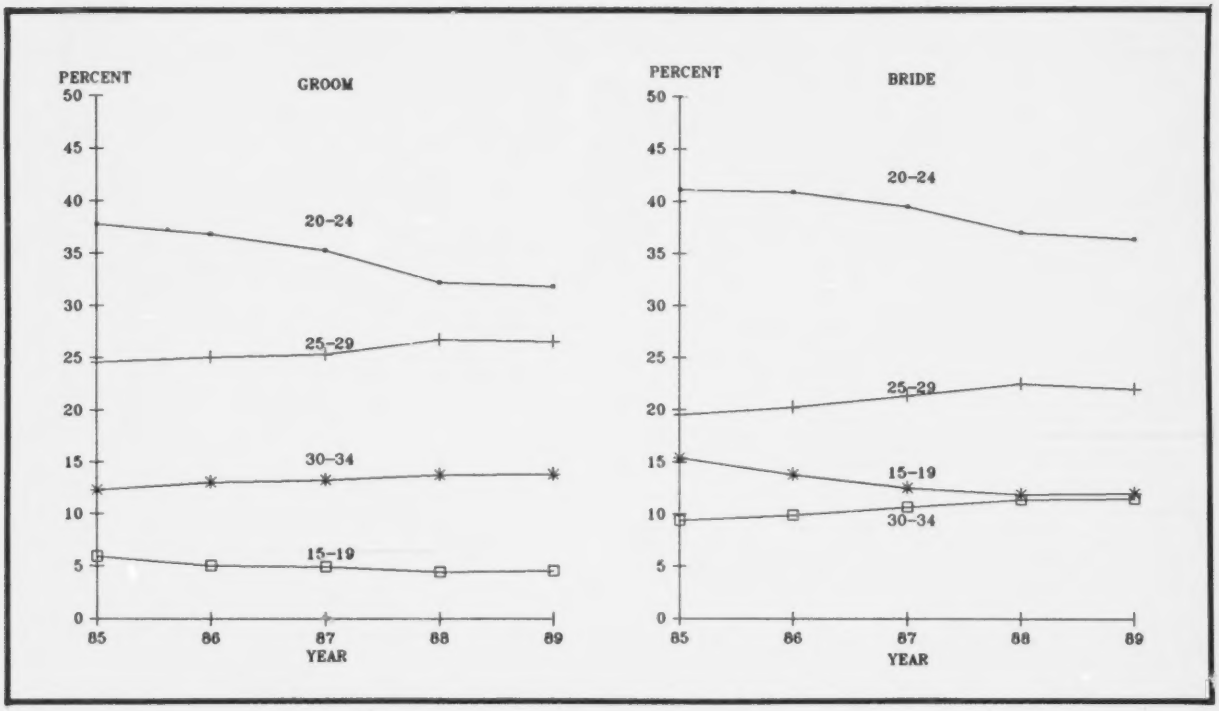
The lowest death rate for 1989 is 0.9 per 1,000 live births for infants one week to under one month. This rate has been nearly stable at about 1.0 since 1978. It was slightly higher, however, during 1974-77.

Within the one day through under one week category, the current 1.3 rate is up slightly from 1.0 in 1988. Nonetheless, the rate has decreased considerably in comparison to 4.0 for 1975 reflecting a decrease of 67.5 percent.

For 1989, the 2.7 rate in the one month to under one year subdivision is down somewhat from 3.3 a year ago. The current rate is the lowest during the period depicted. The previous low was 2.8 in 1977. In contrast, the peak was 3.9 for 1980 and 1982.

Under one day is the category with the highest rate, 3.3 per 1,000 live births. Excluding 3.0 in 1983, the rate has been almost stable at 3.3 or 3.4 during 1981-89. In contrast, the current rate is down 46.8 percent from 6.2 for 1974.

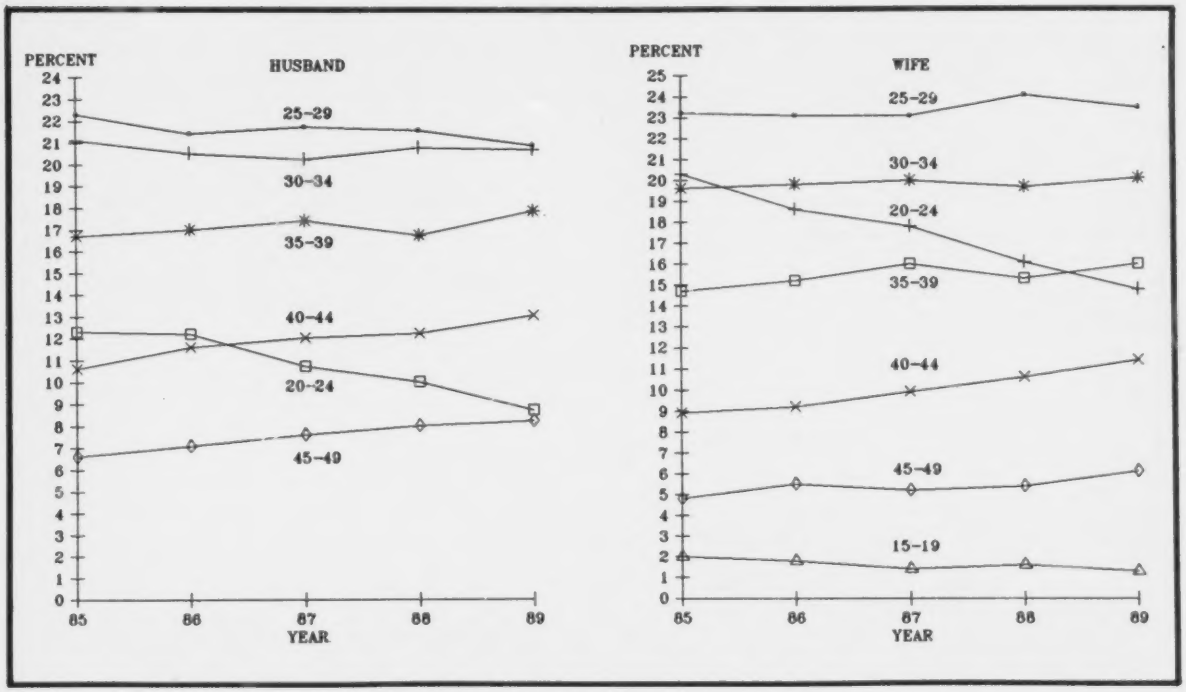
CHART 22
MARRIAGES BY GROOM AND BRIDE BY SELECTED AGE GROUPS
PERCENT DISTRIBUTION
1985-1989 Occurrence Data



Grooms aged 25-29, increased to 26.7 percent of all grooms for last year from 24.6 in 1985; the increase was continuous. However, the current 26.5 percentage is stable. Compared with 12.3 percent for 1985, the 30-34 age category steadily increased to a current 13.8 percentage. Grooms 20-24 years of age have declined steadily, in percentage, from 37.8 in 1985 to 31.8 for this year. The 15-19 age group is currently down to 4.5 percent compared to 5.9 at the beginning of the period shown.

Brides aged 15-19, steadily decreased, as a percentage of all brides from 15.4 for 1985 to 11.9 a year ago; the current 12.0 percent is stable. The other younger age group, 20-24, also continuously decreased. The percentage was 41.1 in 1985 versus 36.4 currently. Brides 25-29 years of age, in contrast, have comprised an increasing percentage. It rose steadily from 19.5 for 1985 to 22.5 last year. The percent is now 22.0. Similarly, the 30-34 classification constituted 9.4 percent of all brides in 1985 compared to a current 11.5 percentage.

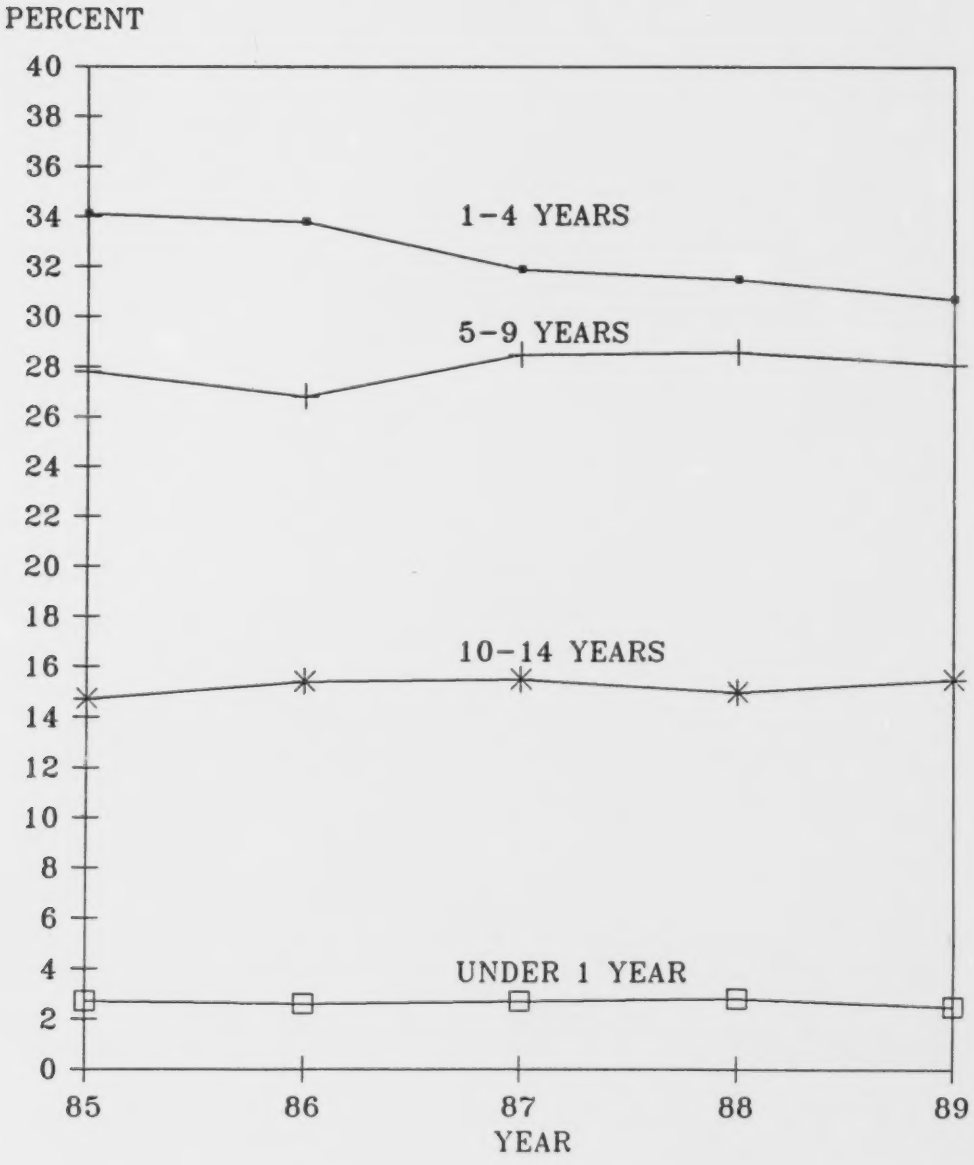
CHART 23
DISSOLUTIONS BY HUSBAND AND WIFE BY SELECTED AGE GROUPS, PERCENT DISTRIBUTION 1985-1989 Occurrence Data



Among the husbands who are granted dissolutions, the younger age groups have been declining in percentage, but the older age classifications have been increasing. Husbands aged 20-24 have steadily declined from 12.3 percent in 1985 to a current 8.7. Concerning the 25-29 age category, the 1989 percentage is 20.8, compared to 22.3 for 1985. Moreover, the decline has been continuous during 1987-89. The 30-34 age group has been almost stable during 1986-89, but the 20.6 percent for this year is down from 21.1 in 1985. Among husbands 35-39 years of age, in contrast, the percentage has fluctuated upward to a current 17.8, compared with 16.7 for 1985. The 40-44 age category has increased steadily to 13.0 percent in 1989 from 10.6 for 1985. For husbands 45-49 years of age, the increase has also been continuous; it is now 8.2 percent in comparison to 6.6 at the beginning of the period depicted.

The younger age groups of wives involved in dissolutions are either decreasing in percentage or remaining stable, while the older age categories are increasing. Wives aged 20-24 have declined steadily in percentage to 14.8 this year, compared to 20.3 for 1985. Excluding a 24.1 percentage in 1988, the 25-29 has been nearly stable; the 1989 percent is 23.5. Similarly, percentage of wives 30-34 years of age have been stable with a 1989 percentage of 20.1. In contrast, the 35-39 age classification has fluctuated upward to a current 16.0 percent from 14.7 for 1985. The 40-44 age group has increased continuously. It comprised 8.9 percent in 1985 compared with 11.4 for 1989. Wives 45-49 years of age have fluctuated upward in percentage from 4.8 at the beginning of the period shown to 6.1 for this year.

CHART 24
DISSOLUTIONS BY SELECTED DURATIONS OF MARRIAGE, PERCENT DISTRIBUTION 1985-1989



Compared to 34.1 percent in 1985, dissolutions of marriages from one through four years duration have steadily decreased to 30.7 percent of all dissolutions in 1989.

The current 28.1 percent in the five through nine years classification is down from 28.6 last year. This percentage, in contrast, had been fluctuating upward from 27.8 in 1985.

Concerning the 10 through 14 years category, 15.5 percent for this year is comparable to the percentages in 1986-87. It is up slightly, however, compared to 15.0 last year and 14.7 for 1985.

Dissolutions of marriages of under one year duration comprised 2.5 percent of the total dissolutions for this year. This percentage has been fairly stable during 1985-89.

Symbols

Data not available.....---

Category not applicable.....•••

Quantity zero..... –

Quantity greater than zero but less than 0.05..... 0.0

SUMMARY OF VITAL STATISTICS BY EVENT BY MONTH
1989 RESIDENT DATA

Event	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Natality													
Live Births													
Total	38,916	3,146	2,935	3,392	3,106	3,257	3,223	3,408	3,536	3,381	3,269	3,068	3,195
Male	19,905	1,620	1,502	1,735	1,573	1,713	1,632	1,780	1,828	1,709	1,644	1,516	1,653
Female	19,011	1,526	1,433	1,657	1,533	1,544	1,591	1,628	1,708	1,672	1,625	1,552	1,542
White	36,942	2,993	2,782	3,235	2,957	3,087	3,080	3,226	3,361	3,221	3,076	2,892	3,032
Male	18,911	1,532	1,430	1,659	1,502	1,628	1,566	1,681	1,734	1,633	1,546	1,438	1,562
Female	18,031	1,461	1,352	1,576	1,455	1,459	1,514	1,545	1,627	1,588	1,530	1,454	1,470
Nonwhite	1,974	153	153	157	149	170	143	182	175	160	193	176	163
Male	994	88	72	76	71	85	66	99	94	76	98	78	91
Female	980	65	81	81	78	85	77	83	81	84	95	98	72
Out of Wedlock Live Births	7,552	586	566	675	572	610	606	679	723	696	619	589	631
Mortality													
Deaths	27,147	2,461	2,294	2,489	2,223	2,295	2,059	2,093	2,103	2,052	2,330	2,161	2,587
Sex													
Male	13,384	1,194	1,084	1,178	1,085	1,140	1,012	1,055	1,078	1,013	1,180	1,114	1,251
Female	13,763	1,267	1,210	1,311	1,138	1,155	1,047	1,038	1,025	1,039	1,150	1,047	1,336
Color													
White	26,777	2,428	2,272	2,459	2,195	2,252	2,030	2,064	2,080	2,020	2,303	2,128	2,546
Nonwhite	370	33	22	30	28	43	29	29	23	32	27	33	41
Marital Status													
Single	2,933	262	229	268	251	252	238	254	237	211	234	203	294
Married	11,811	1,017	994	1,047	951	1,014	945	895	930	912	1,020	973	1,113
Widowed	10,853	1,036	951	1,036	884	890	760	823	832	799	947	847	1,048
Divorced	1,536	144	120	138	135	139	115	118	104	128	128	138	129
Not Stated	14	2	-	-	2	-	1	3	-	2	1	-	3
Family Formation and Dissolution *													
Marriages	25,267	929	1,102	1,217	2,055	2,588	3,400	2,675	2,732	3,062	2,141	1,652	1,714
Dissolutions	10,507	931	780	913	808	934	890	864	889	812	915	892	879

* Occurrence data.

Table 2

POPULATION, LIVE BIRTHS (TOTAL AND OUT OF WEDLOCK), DEATHS (TOTAL, INFANT, NEONATAL, FETAL AND MATERNAL), MARRIAGES AND DISSOLUTIONS, BY YEAR
1915-1989

Year	Population (July 1)	Live Births		Deaths					Social Categories	
		Total	Out of Wedlock	Total	Infant	Neonatal	Fetal	Maternal	Marriages	Dissolutions
1989	2,840,000	38,916	7,552	27,147	321	214	238	3	25,267*	10,507*
1988	2,834,000	38,070	6,730	27,851	330	206	262	5	25,090	10,808
1987	2,823,000	37,866	6,142	27,213	343	208	264	3	23,062	10,527
1986	2,840,000	38,748	5,811	27,021	327	215	242	2	23,311	10,324
1985	2,881,000	41,182	5,585	27,810	389	242	255	1	24,578	10,525
1984	2,904,000	42,360	5,315	26,972	376	251	332	4	26,366	10,509
1983	2,905,000	43,247	5,168	27,509	385	243	298	4	26,769	10,588
1982	2,908,000	44,716	5,062	26,852	453	279	311	2	27,189	10,869
1981	2,918,000	45,918	4,938	26,930	456	296	336	-	27,153	12,071
1980	2,914,000	47,797	4,895	27,096	565	379	406	5	27,474	11,854
1979	2,903,000	46,763	4,397	26,816	496	339	363	2	27,925	11,426
1978	2,906,000	44,559	4,116	27,417	559	394	362	1	28,030	11,123
1977	2,888,000	44,898	3,950	26,750	556	431	373	5	26,419	10,890
1976	2,874,000	41,570	3,437	27,825	597	458	352	4	25,727	10,817
1975	2,861,000	41,360	3,343	28,058	556	434	369	5	25,616	10,304
1974	2,856,000	40,179	2,959	28,730	573	443	424	5	27,209	9,480
1973	2,863,000	38,898	3,124	29,229	620	473	363	2	27,544	9,151
1972	2,884,000	40,860	3,146	29,907	731	578	414	4	26,603	8,471
1971	2,860,000	45,171	3,273	29,475	791	620	481	4	25,819	7,772
1970	2,830,000	48,406	3,495	29,356	908	733	480	10	24,648	7,188
1969	2,805,000	47,235	3,065	29,345	894	706	482	11	24,686	6,995
1968	2,803,000	46,737	2,960	29,852	894	721	534	6	24,697	6,511
1967	2,793,000	47,217	2,533	28,849	908	727	559	6	22,396	6,064
1966	2,762,000	48,641	2,423	29,611	949	745	533	9	21,130	5,571
1965	2,742,000	50,970	2,224	29,394	1,048	785	579	9	20,247	5,258
1964	2,746,000	55,443	2,001	29,157	1,178	884	603	13	20,232	5,091
1963	2,747,000	57,840	1,777	29,266	1,189	887	681	8	19,487	5,003
1962	2,750,000	61,003	1,637	28,632	1,205	915	679	8	18,981	4,739
1961	2,756,000	63,408	1,672	28,158	1,304	986	728	15	21,962	4,777
1960	2,756,000	64,050	1,476	28,741	1,399	1,068	764	13	24,774	4,559
1959	2,745,000	64,473	1,453	28,317	1,388	1,075	760	15	25,116	4,594
1958	2,731,000	62,173	1,305	27,718	1,417	1,082	763	24	23,958	4,299
1957	2,742,000	63,497	1,182	27,917	1,324	1,012	782	12	23,840	4,134
1956	2,718,000	63,213	1,161	26,517	1,307	1,009	838	13	25,270	4,850
1955	2,684,000	63,624	1,208	26,672	1,401	1,076	769	23	24,493	5,195
1954	2,631,000	63,069	1,098	25,602	1,340	1,031	835	25	23,228	5,217
1953	2,637,000	62,521	1,043	26,715	1,355	1,046	870	20	23,180	5,253
1952	2,629,000	64,091	1,007	26,464	1,588	1,198	880	23	22,600	5,596
1951	2,620,000	66,123	1,062	26,287	1,648	1,281	922	35	24,301	5,225
1950	2,621,000	62,550	1,065	26,940	1,547	1,185	936	36	27,603	5,404
1949	2,578,000	61,765	1,075	26,040	1,582	1,257*	963	34	25,515	5,482
1948	2,543,000	60,396	1,084	25,935	1,609	1,247	907	43	28,585	5,609
1947	2,509,000	63,536	1,153	26,307	1,809	1,435	1,008	57	30,002	6,743
1946	2,467,000	55,743	1,066	25,408	1,656	1,334	977	54	32,434	9,886
1945	2,308,000	44,497	915	25,505	1,348	1,021	819	76	21,264	7,667
1944	2,301,000	45,263	690	25,068	1,500	1,102	887	80	17,121	6,138
1943	2,334,000	46,579	676	25,319	1,580	1,157	935	76	13,566	5,265
1942	2,439,000	47,671	694	24,265	1,603	1,197	967	95	13,085	4,777
1941	2,491,000	45,485	719	24,879	1,650	1,187	966	123	25,936	5,144
1940	2,537,000	44,347	657	25,539	1,616	1,143	986	151	48,352	4,778
1939	2,520,000	42,985	767*	25,845	1,667	1,153	1,011	127	36,862	4,692
1938	2,494,000	42,931	814	25,002	1,745	1,184	1,077	140	31,964	4,541
1937	2,498,000	42,074	828	26,492*	1,863*	1,213	1,088*	189*	25,892	4,700
1936	2,509,000	42,746*	779	28,518	2,076	1,392	1,159	195	21,780	4,615
1935	2,524,000	41,021	---	26,365	1,930	1,224	1,110	214	20,968	4,392
1934	2,510,000	42,463	---	26,758	2,149	---	1,142	216	20,240	4,334
1933	2,495,000	39,575	---	25,665	1,911	---	1,121	210	16,018	3,686
1932	2,489,000	40,164	---	25,786	1,887	---	1,278	219	8,014	3,375
1931	2,482,000	41,633	---	25,681	1,681	---	1,332	209	14,190	4,144
1930	2,475,000	42,733	---	26,228	2,303	---	1,340	251	20,642	4,354
1929	2,460,000	42,126	---	25,681	2,214	---	---	235	21,935	4,427
1928	2,450,000	43,378	---	25,315	2,300	---	---	210	20,529	4,102
1927	2,441,000	44,296	---	24,532	2,478	---	---	263	21,048	4,255
1926	2,432,000	44,477	---	25,466	2,644	---	---	276	20,966	4,102
1925	2,427,000	49,740	---	24,420	2,616	---	---	260	21,924	4,112
1924	2,420,000	48,887	---	23,620	2,602	---	---	296	24,855	3,782
1923	2,425,000	51,305	---	25,378	2,944	---	---	246	23,516	4,495
1922	2,428,000	50,736	---	24,065	2,920	---	---	256	22,745	3,862
1921	2,407,000	49,977	---	24,611	2,961	---	---	257	25,283	4,010
1920	2,400,000	48,815	---	25,897	3,243	---	---	301	28,468	4,738
1919	2,379,000	45,716	---	24,016	2,915	---	---	---	18,993	3,223
1918	2,351,000	51,142	---	32,421	3,576	---	---	---	21,991	3,143
1917	2,382,000	38,204	---	23,773	2,792	---	---	---	24,037	3,632
1916	2,376,000	39,715	---	23,904	3,117	---	---	---	22,699	2,973
1915	2,366,000	44,115	---	22,367	2,949	---	---	---	23,017	3,024

Residence data unless noted.
* Occurrence data for this year and previous years.
Total Deaths do not include Fetal Deaths.
Population data from Current Population Reports, Bureau of the Census
1900-1949: P-25, No. 139; 1950-1959: P-25, NO. 229; 1960-1969: P-25, NO. 460
1970: P-25, No. 468; 1971: P-26, NO. 31; 1972: P-26, NO. 72; 1973: P-25, NO. 533; 1974: P-26, NO. 7575
1975: P-26, No. 76-15; 1976: P-26, NO. 77-15; 1977: P-26, NO. 78-15
1978-1979, 1983-1985 from O.P.P, 1980-1982: P-26, NO. 82-15-C
1986-1987: P-26, NO. 87-A, 1988-1989 from Bureau of the Census

Table 3

RATES: LIVE BIRTHS (TOTAL AND OUT OF WEDLOCK), DEATH (TOTAL, INFANT, NEONATAL, FETAL AND MATERNAL), MARRIAGE AND DISSOLUTION
1915-1989

Year	Live Births		Deaths					Social Categories	
	Total	Out of Wedlock	Total	Infant	Neonatal	Fetal	Maternal	Marriages	Dissolutions
1989	13.7	194.1	9.6	8.2	5.5	6.1	0.8	8.9*	3.7*
1988	13.4	176.8	9.8	8.7	5.4	6.9	1.3	8.9	3.8
1987	13.4	162.2	9.6	9.1	5.5	7.0	0.8	8.2	3.7
1986	13.6	150.0	9.5	8.4	5.5	6.2	0.5	8.2	3.6
1985	14.3	135.6	9.7	9.4	5.9	6.2	0.2	8.5	3.7
1984	14.6	125.5	9.3	8.9	5.9	7.8	0.9	9.1	3.6
1983	14.9	119.5	9.5	8.9	5.6	6.9	0.9	9.2	3.6
1982	15.4	113.2	9.2	10.1	6.2	7.0	0.4	9.3	3.7
1981	15.7	107.5	9.2	9.9	6.4	7.3	-	9.3	4.1
1980	16.4	102.4	9.3	11.8	7.9	8.5	1.0	9.4	4.1
1979	16.1	94.0	9.2	10.6	7.2	7.8	0.4	9.6	3.9
1978	15.3	92.4	9.4	12.5	8.8	8.1	0.2	9.6	3.8
1977	15.5	88.0	9.3	12.4	9.6	8.3	1.1	9.1	3.8
1976	14.5	82.7	9.7	14.4	11.0	8.5	1.0	9.0	3.8
1975	14.5	80.8	9.8	13.4	10.5	8.9	1.2	9.0	3.6
1974	14.1	73.6	10.0	14.3	11.0	10.6	1.2	9.5	3.3
1973	13.6	80.3	10.2	15.9	12.2	9.3	0.5	9.6	3.2
1972	14.2	77.0	10.4	17.9	14.1	10.1	1.0	9.2	2.9
1971	15.8	72.5	10.3	17.5	13.7	10.6	0.9	9.0	2.7
1970	17.1	72.2	10.4	18.8	15.1	9.9	2.1	8.7	2.5
1969	16.8	64.9	10.5	18.9	14.9	10.2	2.3	8.8	2.5
1968	16.7	63.3	10.7	19.1	15.4	11.4	1.3	8.8	2.3
1967	16.9	53.6	10.3	19.2	15.4	11.8	1.3	8.0	2.2
1966	17.6	49.8	10.7	19.5	15.3	11.0	1.9	7.7	2.0
1965	18.6	43.6	10.7	20.6	15.4	11.4	1.8	7.4	1.9
1964	20.2	36.1	10.6	21.2	15.9	10.9	2.3	7.4	1.9
1963	21.1	30.7	10.7	20.6	15.3	11.8	1.4	7.1	1.8
1962	22.2	26.8	10.4	19.8	15.0	11.1	1.3	6.9	1.7
1961	23.0	26.4	10.2	20.6	15.6	11.5	2.4	8.0	1.7
1960	23.2	23.0	10.4	21.8	16.7	11.9	2.0	9.0	1.7
1959	23.5	22.5	10.3	21.5	16.7	11.8	2.3	9.1	1.7
1958	22.8	21.0	10.1	22.8	17.4	12.3	3.9	8.8	1.6
1957	23.2	18.6	10.2	20.9	15.9	12.3	1.9	8.7	1.5
1956	23.3	18.4	9.8	20.7	16.0	13.3	2.1	9.3	1.8
1955	23.7	19.0	9.9	22.0	16.9	12.1	3.6	9.1	1.9
1954	24.0	17.4	9.7	21.2	16.3	13.2	4.0	8.8	2.0
1953	23.7	16.7	10.1	21.7	16.7	13.9	3.2	8.8	2.0
1952	24.4	15.7	10.1	24.8	18.7	13.7	3.6	8.6	2.1
1951	25.2	16.1	10.0	24.9	19.4	13.9	5.3	9.3	2.0
1950	23.9	17.0	10.3	24.7	18.9	15.0	5.8	10.5	2.1
1949	24.0	17.4	10.1	25.6	20.0*	15.6	5.5	9.9	2.1
1948	23.7	17.9	10.2	26.6	20.3	15.0	7.1	11.2	2.2
1947	25.3	18.1	10.5	28.5	22.1	15.9	9.0	12.0	2.7
1946	22.6	19.1	10.3	29.7	23.3	17.5	9.7	13.1	4.0
1945	19.3	20.6	11.1	30.3	22.6	18.4	17.1	9.2	3.3
1944	19.7	15.2	10.9	33.1	23.5	19.6	17.7	7.4	2.7
1943	20.0	14.5	10.8	33.9	24.0	20.1	16.3	5.8	2.3
1942	19.5	14.6	9.9	33.6	24.3	20.3	19.1	5.4	1.9
1941	18.3	15.8	10.0	36.3	25.3	21.2	27.0	10.4	2.1
1940	17.5	14.8	10.1	36.4	25.2	22.2	34.0	19.1	1.9
1939	17.1	17.5*	10.3	38.8	26.2	23.5	29.5	14.6	1.9
1938	17.2	18.6	10.0	40.6	27.0	25.1	32.6	12.8	1.8
1937	16.8	19.6	10.6*	44.1*	28.7	25.7*	44.7*	10.4	1.9
1936	17.0*	18.2	11.4	48.6	32.6	27.1	45.6	8.7	1.8
1935	16.3	---	10.4	47.0	29.8	27.1	52.2	8.3	1.7
1934	16.9	---	10.7	50.6	---	26.9	50.9	8.1	1.7
1933	15.9	---	10.3	48.3	---	28.3	53.1	6.4	1.5
1932	16.1	---	10.4	47.0	---	31.8	54.5	3.2	1.4
1931	16.8	---	10.3	40.4	---	28.8	50.2	5.7	1.7
1930	17.3	---	10.6	53.9	---	31.4	58.7	8.3	1.8
1929	17.1	---	10.4	52.6	---	---	55.8	8.9	1.8
1928	17.7	---	10.3	53.0	---	---	48.4	8.4	1.7
1927	18.1	---	10.0	55.9	---	---	59.4	8.6	1.7
1926	18.3	---	10.5	59.4	---	---	60.4	8.6	1.7
1925	20.5	---	10.1	52.6	---	---	54.4	9.0	1.7
1924	20.2	---	9.8	53.2	---	---	60.2	10.3	1.6
1923	21.2	---	10.5	57.4	---	---	47.9	9.7	1.9
1922	20.9	---	9.9	57.6	---	---	50.5	9.4	1.6
1921	20.8	---	10.2	59.2	---	---	51.4	10.5	1.7
1920	20.3	---	10.8	66.4	---	---	61.7	11.9	2.0
1919	19.2	---	10.1	63.8	---	---	---	8.0	1.4
1918	21.8	---	13.8	69.9	---	---	---	9.4	1.3
1917	16.0	---	10.0	73.1	---	---	---	10.1	1.5
1916	16.7	---	10.1	78.5	---	---	---	9.6	1.3
1915	18.6	---	9.5	66.8	---	---	---	9.7	1.3

Residence data unless noted.
* Occurrence data for this year and previous years.
Live Births, Total Deaths, Marriage and Dissolution rates per 1,000 Population. -
Out of Wedlock Live Births, Infant, Neonatal and Fetal Death rates per 1,000 Live Births.
Maternal Death Rates per 10,000 Live Births.

SUMMARY OF SELECTED VITAL EVENTS TABLES

Statistics are based on resident data, with the exception of marriages and dissolutions, which are recorded in the county where the event occurred.

State population for 1989 is from the U.S. Bureau of the Census. County and city estimates are for 1988.

Rates for live births, deaths, marriages and dissolutions are calculated per 1,000 estimated population; selected causes of death rates are per 100,000 estimated population.

Rates for out-of-wedlock live births, live birth congenital malformations, fetal deaths, neonatal deaths, perinatal deaths and infant deaths are per 1,000 live births. Maternal death rates are per 10,000 live births.

Table 4

SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA
1989

Line No.		Occurrence Number	Occurrence Rate	Residence Number	Residence Rate
1	Population - July 1 - 2,840,000 [1]				
2	Live Births	39,397	13.9	38,916	13.7
3	Out of Wedlock	7,728	196.2	7,552	194.1
4	Congenital Malformations	1,016	25.8	1,018	26.2
5	Deaths from All Causes	27,034	9.5	27,147	9.6
6	Maternal Deaths	3	0.8	3	0.8
7	Fetal Deaths	253	6.4	238	6.1
8	Neonatal Deaths	204	5.2	214	5.5
9	Perinatal Deaths	457	11.6	452	11.6
10	Infant Deaths	312	7.9	321	8.2
11	Marriages	25,267	8.9	...	...
12	Dissolutions	10,507	3.7	...	...
	-- List of 70 Selected Causes of Death --				
13	Tuberculosis, All Forms	9	0.3	9	0.3
14	Tuberculosis of Respiratory System	5	0.2	5	0.2
15	Other Tuberculosis	4	0.1	4	0.1
16	Syphilis	1	-	1	-
17	Other Infective and Parasitic Diseases	271	9.5	276	9.7
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	6,170	217.3	6,179	217.6
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	96	3.4	91	3.2
20	Malignant Neoplasms of Digestive Organs and Peritoneum	1,594	56.1	1,617	56.9
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,661	58.5	1,661	58.5
22	Malignant Neoplasms of Breast	566	19.9	561	19.8
23	Malignant Neoplasms of Genital Organs	740	26.1	731	25.7
24	Malignant Neoplasms of Urinary Organs	302	10.6	301	10.6
25	Malignant Neoplasms of All Other and Unspecified Sites	600	21.1	601	21.2
26	Leukemia	256	9.0	251	8.8
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	355	12.5	365	12.9
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	71	2.5	73	2.6
29	Diabetes Mellitus	530	18.7	539	19.0
30	Anemias	54	1.9	55	1.9
31	Meningitis	11	0.4	8	0.3
32	Alzheimer's Disease	237	8.3	236	8.3
33	Major Cardiovascular Diseases	12,604	443.8	12,702	447.3
34	Diseases of Heart	9,567	336.9	9,655	340.0
35	Rheumatic Fever and Rheumatic Heart Disease	93	3.3	96	3.4
36	Hypertensive Heart Disease	253	8.9	258	9.1
37	Hypertensive Heart and Renal Disease	45	1.6	43	1.5
38	Ischemic Heart Disease	6,352	223.7	6,402	225.4
39	Acute Myocardial Infarction	3,172	111.7	3,193	112.4
40	Other Acute and Subacute Forms of Ischemic Heart Disease	22	0.8	19	0.7
41	Angina Pectoris	12	0.4	13	0.5
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	3,146	110.8	3,177	111.9
43	Other Diseases of the Endocardium	187	6.6	195	6.9
44	All Other Forms of Heart Disease	2,637	92.9	2,661	93.7
45	Hypertension With or Without Renal Disease	93	3.3	92	3.2
46	Cerebrovascular Diseases	2,140	75.4	2,139	75.3
47	Intracerebral and Other Intracranial Hemorrhage	195	6.9	213	7.5
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	264	9.3	265	9.3
49	Cerebral Embolism	11	0.4	11	0.4
50	All Other and Late Effects of Cerebrovascular Diseases	1,670	58.8	1,650	58.1
51	Arteriosclerosis	460	16.2	457	16.1
52	Other Diseases of Arteries, Arterioles, and Capillaries	344	12.1	359	12.6
53	Acute Bronchitis and Bronchiolitis	7	0.2	8	0.3
54	Pneumonia	1,117	39.3	1,117	39.3
55	Influenza	66	2.3	66	2.3
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	1,130	39.8	1,156	40.7
57	Bronchitis, Chronic and Unspecified	58	2.0	60	2.1
58	Emphysema	173	6.1	183	6.4
59	Asthma	55	1.9	58	2.0
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	844	29.7	855	30.1
61	Ulcer of the Stomach and Duodenum	105	3.7	101	3.6
62	Chronic Liver Disease and Cirrhosis	208	7.3	208	7.3
63	Cholelithiasis and Other Disorders of the Gallbladder	53	1.9	52	1.8
64	Nephritis, Nephrotic Syndrome, and Nephrosis	167	5.9	171	6.0
65	Acute Glomerulonephritis and Nephrotic Syndrome	4	0.1	4	0.1
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	28	1.0	29	1.0
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	135	4.8	138	4.9
68	Infections of Kidney	19	0.7	19	0.7
69	Hyperplasia of Prostate	3	0.1	3	0.1
70	Complications of Pregnancy, Childbirth, and the Puerperium	3	0.8	3	0.8
71	Congenital Anomalies	146	5.1	157	5.5
72	Certain Conditions Originating in the Perinatal Period	132	4.6	132	4.6
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	27	1.0	27	1.0
74	Other Conditions Originating in the Perinatal Period	105	3.7	105	3.7
75	Symptoms, Signs, and Ill-Defined Conditions	153	5.4	173	6.1
76	All Other Diseases	2,159	76.0	2,189	77.1
77	Accidents and Adverse Effects	1,226	43.2	1,128	39.7
78	Motor Vehicle Accidents	541	19.0	541	19.0
79	All Other Accidents and Adverse Effects	685	24.1	587	20.7
80	Suicides	307	10.8	314	11.1
81	Homicide and Legal Intervention	59	2.1	55	1.9
82	Other External Causes	16	0.6	17	0.6

1/ Source: U.S. Bureau of the Census.

Table 5

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Adair		Adams		Allamakee	
		Number	Rate	Number	Rate	Number	Rate
1	Population - July 1 -	8,500	...	5,300	...	14,900	...
2	Live Births	109	12.8	70	13.2	214	14.4
3	Out of Wedlock	11	100.9	13	185.7	35	163.6
4	Congenital Malformations	2	18.3	3	42.9	5	23.4
5	Deaths from All Causes	101	11.9	70	13.2	189	12.7
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	1	9.2	1	14.3	-	-
8	Neonatal Deaths	-	-	1	14.3	1	4.7
9	Perinatal Deaths	1	9.2	2	28.6	1	4.7
10	Infant Deaths	-	-	1	14.3	2	9.3
11	Marriages	49	5.8	35	6.6	133	8.9
12	Dissolutions	24	2.8	11	2.1	38	2.6
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	1	11.8	1	18.9	1	6.7
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	29	341.2	14	264.2	36	241.6
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	-	-	1	18.9	1	6.7
20	Malignant Neoplasms of Digestive Organs and Peritoneum	10	117.6	3	56.6	10	67.1
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	4	47.1	5	94.3	10	67.1
22	Malignant Neoplasms of Breast	-	-	1	18.9	3	20.1
23	Malignant Neoplasms of Genital Organs	9	105.9	2	37.7	3	20.1
24	Malignant Neoplasms of Urinary Organs	3	35.3	-	-	3	20.1
25	Malignant Neoplasms of All Other and Unspecified Sites	-	-	2	37.7	6	40.3
26	Leukemia	2	23.5	-	-	-	-
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	1	11.8	-	-	-	-
28	Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	1	18.9	1	6.7
29	Diabetes Mellitus	5	58.8	1	18.9	4	26.8
30	Anemias	-	-	-	-	1	6.7
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	-	-	-	-	2	13.4
33	Major Cardiovascular Diseases	43	505.9	37	698.1	90	604.0
34	Diseases of Heart	33	388.2	26	490.6	63	422.8
35	Rheumatic Fever and Rheumatic Heart Disease	-	-	-	-	-	-
36	Hypertensive Heart Disease	-	-	-	-	1	6.7
37	Hypertensive Heart and Renal Disease	-	-	1	18.9	-	-
38	Ischemic Heart Disease	20	235.3	22	415.1	45	302.0
39	Acute Myocardial Infarction	16	188.2	12	226.4	30	201.3
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	-	-	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	4	47.1	10	188.7	15	100.7
43	Other Diseases of the Endocardium	-	-	-	-	2	13.4
44	All Other Forms of Heart Disease	13	152.9	3	56.6	15	100.7
45	Hypertension With or Without Renal Disease	-	-	-	-	1	6.7
46	Cerebrovascular Diseases	7	82.4	7	132.1	21	140.9
47	Intracerebral and Other Intracranial Hemorrhage	1	11.8	1	18.9	1	6.7
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	2	23.5	1	18.9	1	6.7
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	4	47.1	5	94.3	19	127.5
51	Arteriosclerosis	1	11.8	2	37.7	3	20.1
52	Other Diseases of Arteries, Arterioles, and Capillaries	2	23.5	2	37.7	2	13.4
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	5	58.8	2	37.7	7	47.0
55	Influenza	-	-	-	-	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	2	23.5	1	18.9	9	60.4
57	Bronchitis, Chronic and Unspecified	-	-	-	-	1	6.7
58	Emphysema	-	-	1	18.9	1	6.7
59	Asthma	-	-	-	-	1	6.7
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	2	23.5	-	-	6	40.3
61	Ulcer of the Stomach and Duodenum	1	11.8	-	-	-	-
62	Chronic Liver Disease and Cirrhosis	-	-	-	-	2	13.4
63	Cholelithiasis and Other Disorders of the Gallbladder	1	11.8	-	-	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	-	-	1	18.9	-	-
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	-	-	1	18.9	-	-
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	-	-	2	37.7	3	20.1
72	Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	-	-	-	-	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	-	-	-	-	1	6.7
76	All Other Diseases	8	94.1	5	94.3	18	120.8
77	Accidents and Adverse Effects	4	47.1	4	75.5	13	87.2
78	Motor Vehicle Accidents	1	11.8	1	18.9	6	40.3
79	All Other Accidents and Adverse Effects	3	35.3	3	56.6	7	47.0
80	Suicides	2	23.5	1	18.9	1	6.7
81	Homicide and Legal Intervention	-	-	-	-	-	-
82	Other External Causes	-	-	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Appanoose		Audubon		Benton		Black Hawk		Boone		Bremer		Buchanan		Buena Vista		Line No.
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
14,300	...	7,600	...	22,700	...	124,500	...	25,400	...	23,300	...	21,800	...	20,100	...	1
166	11.6	83	10.9	292	12.9	1,687	13.6	309	12.2	256	11.0	336	15.4	253	12.6	2
51	307.2	7	84.3	49	167.8	491	291.0	47	152.1	24	93.8	52	154.8	25	98.8	3
3	18.1	1	12.0	3	10.3	30	17.8	7	22.7	7	27.3	9	26.8	6	23.7	4
175	12.2	84	11.1	235	10.4	1,066	8.6	279	11.0	211	9.1	199	9.1	253	12.6	5
-	-	-	-	1	34.2	-	-	-	-	-	-	-	-	-	-	6
-	-	-	-	3	10.3	13	7.7	4	12.9	1	3.9	1	3.0	1	4.0	7
-	-	1	12.0	1	3.4	7	4.1	2	6.5	1	3.9	1	3.0	1	4.0	8
-	-	1	12.0	4	13.7	20	11.9	6	19.4	2	7.8	2	6.0	2	7.9	9
-	-	1	12.0	1	3.4	14	8.3	2	6.5	2	7.8	2	6.0	2	7.9	10
113	7.9	48	6.3	157	6.9	1,097	8.8	202	8.0	203	8.7	174	8.0	165	8.2	11
66	4.6	10	1.3	81	3.6	523	4.2	104	4.1	54	2.3	56	2.6	63	3.1	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
1	7.0	-	-	1	4.4	12	9.6	6	23.6	-	-	1	4.6	4	19.9	17
38	265.7	17	223.7	51	224.7	273	219.3	64	252.0	45	193.1	36	165.1	76	378.1	18
-	-	-	-	1	4.4	4	3.2	-	-	2	8.6	-	-	3	14.9	19
12	83.9	2	26.3	17	74.9	71	57.0	22	86.6	15	64.4	10	45.9	24	119.4	20
10	69.9	8	105.3	13	57.3	68	54.6	15	59.1	10	42.9	7	32.1	18	89.6	21
7	49.0	2	26.3	5	22.0	24	19.3	3	11.8	2	8.6	3	13.8	5	24.9	22
5	35.0	1	13.2	4	17.6	32	25.7	10	39.4	2	8.6	2	9.2	7	34.8	23
-	-	-	-	1	4.4	21	16.9	4	15.7	5	21.5	4	18.3	7	34.8	24
2	14.0	1	13.2	7	30.8	26	20.9	2	7.9	4	17.2	7	32.1	7	34.8	25
2	14.0	1	13.2	2	8.8	11	8.8	2	7.9	3	12.9	-	-	2	10.0	26
-	-	2	26.3	1	4.4	16	12.9	6	23.6	2	8.6	3	13.8	3	14.9	27
1	7.0	-	-	1	4.4	2	1.6	-	-	1	4.3	1	4.6	2	10.0	28
4	28.0	3	39.5	5	22.0	22	17.7	3	11.8	3	12.9	5	22.9	4	19.9	29
-	-	-	-	1	4.4	-	-	-	-	2	8.6	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
2	14.0	2	26.3	4	17.6	5	4.0	6	23.6	4	17.2	-	-	-	-	32
89	622.4	41	539.5	108	475.8	495	397.6	127	500.0	111	476.4	108	495.4	113	562.2	33
72	503.5	27	355.3	88	387.7	370	297.2	91	358.3	89	382.0	94	431.2	90	447.8	34
-	-	-	-	-	-	2	1.6	-	-	1	4.3	-	-	1	5.0	35
2	14.0	1	13.2	3	13.2	7	5.6	-	-	1	4.3	2	9.2	-	-	36
1	7.0	-	-	-	-	3	2.4	-	-	1	4.3	-	-	-	-	37
57	398.6	20	263.2	71	312.8	265	212.9	65	255.9	59	253.2	69	316.5	60	298.5	38
18	125.9	10	131.6	35	154.2	143	114.9	28	110.2	28	120.2	44	201.8	32	159.2	39
4	28.0	-	-	-	-	1	0.8	-	-	-	-	1	4.6	-	-	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
35	244.8	10	131.6	36	158.6	121	97.2	37	145.7	31	133.0	24	110.1	28	139.3	42
1	7.0	2	26.3	3	13.2	7	5.6	4	15.7	1	4.3	-	-	3	14.9	43
11	76.9	4	52.6	11	48.5	86	69.1	22	86.6	26	111.6	23	105.5	26	129.4	44
-	-	3	39.5	1	4.4	4	3.2	1	3.9	-	-	-	-	-	-	45
8	55.9	7	92.1	15	66.1	90	72.3	29	114.2	21	90.1	10	45.9	14	69.7	46
1	7.0	1	13.2	1	4.4	8	6.4	1	3.9	4	17.2	-	-	1	5.0	47
-	-	-	-	3	13.2	13	10.4	8	31.5	-	-	1	4.6	2	10.0	48
-	-	-	-	-	-	1	0.8	4	15.7	-	-	-	-	-	-	49
7	49.0	6	78.9	11	48.5	68	54.6	16	63.0	17	73.0	9	41.3	11	54.7	50
8	55.9	4	52.6	1	4.4	10	8.0	3	11.8	1	4.3	3	13.8	4	19.9	51
1	7.0	-	-	3	13.2	21	16.9	3	11.8	-	-	1	4.6	5	24.9	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
7	49.0	4	52.6	9	39.6	30	24.1	16	63.0	6	25.8	3	13.8	13	64.7	54
1	7.0	-	-	1	4.4	2	1.6	-	-	-	-	-	-	1	5.0	55
6	42.0	2	26.3	15	66.1	47	37.8	11	43.3	7	30.0	6	27.5	10	49.8	56
1	7.0	1	13.2	1	4.4	1	0.8	-	-	-	-	-	-	1	5.0	57
3	21.0	1	13.2	1	4.4	9	7.2	-	-	1	4.3	1	4.6	-	-	58
-	-	-	-	1	4.4	1	0.8	1	3.9	-	-	-	-	-	-	59
2	14.0	-	-	12	52.9	36	28.9	10	39.4	6	25.8	5	22.9	9	44.8	60
-	-	-	-	1	4.4	3	2.4	-	-	1	4.3	-	-	-	-	61
-	-	-	-	1	4.4	11	8.8	3	11.8	2	8.6	2	9.2	1	5.0	62
-	-	-	-	-	-	2	1.6	1	3.9	-	-	-	-	-	-	63
-	-	-	-	2	8.8	7	5.6	-	-	-	-	-	-	6	29.9	64
-	-	-	-	1	4.4	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	2	1.6	-	-	-	-	-	-	2	10.0	66
-	-	-	-	1	4.4	5	4.0	-	-	-	-	-	-	4	19.9	67
-	-	-	-	-	-	-	-	1	3.9	1	4.3	-	-	-	-	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	1	34.2	-	-	-	-	-	-	-	-	-	-	70
-	-	-	-	1	4.4	9	7.2	2	7.9	2	8.6	6	27.5	1	5.0	71
-	-	1	13.2	-	-	3	2.4	1	3.9	-	-	-	-	-	-	72
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73
-	-	1	13.2	-	-	3	2.4	1	3.9	-	-	-	-	-	-	74
4	28.0	-	-	-	-	9	7.2	-	-	-	-	2	9.2	1	5.0	75
11	76.9	10	131.6	18	79.3	87	69.9	26	102.4	14	60.1	22	100.9	9	44.8	76
7	49.0	3	39.5	13	57.3	30	24.1	11	43.3	8	34.3	5	22.9	11	54.7	77
4	28.0	1	13.2	7	30.8	16	12.9	3	11.8	5	21.5	4	18.3	4	19.9	78
3	21.0	2	26.3	6	26.4	14	11.2	8	31.5	3	12.9	1	4.6	7	34.8	79
4	28.0	1	13.2	1	4.4	13	10.4	1	3.9	3	12.9	1	4.6	1	5.0	80
-	-	-	-	1	4.4	3	2.4	-	-	-	-	1	4.6	-	-	81
-	-	-	-	-	-	1	0.8	-	-	1	4.3	-	-	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Butler Number	Butler Rate	Calhoun Number	Calhoun Rate	Carroll Number	Carroll Rate
1	Population - July 1 -	16,300	...	12,100	...	22,400	...
2	Live Births	180	11.0	124	10.2	292	13.0
3	Out of Wedlock	26	144.4	22	177.4	32	109.6
4	Congenital Malformations	-	-	3	24.2	11	37.7
5	Deaths from All Causes	197	12.1	202	16.7	202	9.0
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	2	11.1	1	8.1	1	3.4
8	Neonatal Deaths	-	-	2	16.1	1	3.4
9	Perinatal Deaths	2	11.1	3	24.2	2	6.8
10	Infant Deaths	-	-	2	16.1	1	3.4
11	Marriages	81	5.0	71	5.9	191	8.5
12	Dissolutions	33	2.0	27	2.2	78	3.5
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	2	12.3	-	-	-	-
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	43	263.8	36	297.5	50	223.2
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	-	-	1	8.3	2	8.9
20	Malignant Neoplasms of Digestive Organs and Peritoneum	7	42.9	9	74.4	13	58.0
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	12	73.6	10	82.6	10	44.6
22	Malignant Neoplasms of Breast	5	30.7	2	16.5	5	22.3
23	Malignant Neoplasms of Genital Organs	9	55.2	7	57.9	6	26.8
24	Malignant Neoplasms of Urinary Organs	3	18.4	-	-	4	17.9
25	Malignant Neoplasms of All Other and Unspecified Sites	1	6.1	4	33.1	6	26.8
26	Leukemia	-	-	1	8.3	2	8.9
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	6	36.8	2	16.5	2	8.9
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	1	8.3	-	-
29	Diabetes Mellitus	3	18.4	6	49.6	4	17.9
30	Anemias	-	-	-	-	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	4	24.5	8	66.1	2	8.9
33	Major Cardiovascular Diseases	99	607.4	90	743.8	87	388.4
34	Diseases of Heart	77	472.4	61	504.1	67	299.1
35	Rheumatic Fever and Rheumatic Heart Disease	1	6.1	-	-	1	4.5
36	Hypertensive Heart Disease	6	36.8	-	-	-	-
37	Hypertensive Heart and Renal Disease	-	-	-	-	-	-
38	Ischemic Heart Disease	50	306.7	46	380.2	45	200.9
39	Acute Myocardial Infarction	24	147.2	15	124.0	27	120.5
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	1	6.1	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	25	153.4	31	256.2	18	80.4
43	Other Diseases of the Endocardium	3	18.4	2	16.5	2	8.9
44	All Other Forms of Heart Disease	17	104.3	13	107.4	19	84.8
45	Hypertension With or Without Renal Disease	1	6.1	-	-	2	8.9
46	Cerebrovascular Diseases	13	79.8	17	140.5	14	62.5
47	Intracerebral and Other Intracranial Hemorrhage	1	6.1	1	8.3	3	13.4
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	1	6.1	3	24.8	1	4.5
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	11	67.5	13	107.4	10	44.6
51	Arteriosclerosis	3	18.4	11	90.9	3	13.4
52	Other Diseases of Arteries, Arterioles, and Capillaries	5	30.7	1	8.3	1	4.5
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	10	61.3	8	66.1	7	31.3
55	Influenza	-	-	1	8.3	3	13.4
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	9	55.2	7	57.9	9	40.2
57	Bronchitis, Chronic and Unspecified	-	-	-	-	-	-
58	Emphysema	2	12.3	-	-	-	-
59	Asthma	-	-	2	16.5	1	4.5
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	7	42.9	5	41.3	8	35.7
61	Ulcer of the Stomach and Duodenum	-	-	-	-	-	-
62	Chronic Liver Disease and Cirrhosis	1	6.1	2	16.5	2	8.9
63	Cholelithiasis and Other Disorders of the Gallbladder	2	12.3	-	-	1	4.5
64	Nephritis, Nephrotic Syndrome, and Nephrosis	-	-	-	-	-	-
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	-	-	-	-	-	-
68	Infections of Kidney	-	-	-	-	1	4.5
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	1	6.1	5	41.3	1	4.5
72	Certain Conditions Originating in the Perinatal Period	-	-	-	-	-	-
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	-	-	-	-	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	-	-	1	8.3	2	8.9
76	All Other Diseases	16	98.2	24	198.3	19	84.8
77	Accidents and Adverse Effects	5	30.7	11	90.9	8	35.7
78	Motor Vehicle Accidents	3	18.4	10	82.6	1	4.5
79	All Other Accidents and Adverse Effects	2	12.3	1	8.3	7	31.3
80	Suicides	2	12.3	2	16.5	6	26.8
81	Homicide and Legal Intervention	-	-	-	-	-	-
82	Other External Causes	-	-	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Cass		Cedar		Cerro Gordo		Cherokee		Chickasaw		Clarke		Clay		Clayton		Line No.
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
15,500	...	18,100	...	48,100	...	14,700	...	14,300	...	8,800	...	17,600	...	20,200	...	1
192	12.4	224	12.4	657	13.7	177	12.0	182	12.7	121	13.8	260	14.8	262	13.0	2
33	171.9	38	169.6	144	219.2	19	107.3	26	142.9	22	181.8	39	150.0	35	133.6	3
11	57.3	5	22.3	36	54.8	1	5.6	4	22.0	3	24.8	10	38.5	4	15.3	4
225	14.5	166	9.2	463	9.6	170	11.6	132	9.2	109	12.4	182	10.3	227	11.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	1	4.5	1	1.5	4	22.6	3	16.5	2	16.5	2	7.7	-	-	7
4	20.8	1	4.5	-	-	-	-	1	5.5	-	-	-	-	3	11.5	8
4	20.8	2	8.9	1	1.5	4	22.6	4	22.0	2	16.5	2	7.7	3	11.5	9
4	20.8	2	8.9	-	-	2	11.3	1	5.5	-	-	2	7.7	3	11.5	10
141	9.1	121	6.7	371	7.7	107	7.3	751	52.5	73	8.3	123	7.0	162	8.0	11
61	3.9	69	3.8	186	3.9	50	3.4	29	2.0	39	4.4	72	4.1	44	2.2	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
4	25.8	-	-	1	2.1	1	6.8	1	7.0	1	11.4	5	28.4	-	-	17
37	238.7	31	171.3	107	222.5	33	224.5	30	209.8	22	250.0	44	250.0	49	242.6	18
1	6.5	-	-	1	2.1	-	-	-	-	-	-	-	-	-	-	19
12	77.4	8	44.2	26	54.1	7	47.6	10	69.9	5	56.8	14	79.5	20	99.0	20
6	38.7	9	49.7	28	58.2	11	74.8	7	49.0	7	79.5	10	56.8	8	39.6	21
4	25.8	4	22.1	11	22.9	6	40.8	4	28.0	-	-	4	22.7	2	9.9	22
5	32.3	2	11.0	19	39.5	3	20.4	1	7.0	5	56.8	7	39.8	4	19.8	23
1	6.5	1	5.5	3	6.2	1	6.8	2	14.0	-	-	2	11.4	3	14.9	24
2	12.9	3	16.6	13	27.0	3	20.4	4	28.0	2	22.7	2	11.4	6	29.7	25
3	19.4	-	-	4	8.3	2	13.6	1	7.0	2	22.7	2	11.4	-	-	26
3	19.4	4	22.1	2	4.2	-	-	1	7.0	1	11.4	3	17.0	6	29.7	27
1	6.5	1	5.5	1	2.1	1	6.8	-	-	-	-	1	5.7	-	-	28
6	38.7	3	16.6	5	10.4	1	6.8	1	7.0	2	22.7	5	28.4	3	14.9	29
-	-	-	-	-	-	-	-	1	7.0	-	-	1	5.7	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
2	12.9	-	-	4	8.3	-	-	1	7.0	-	-	4	22.7	3	14.9	32
124	800.0	85	469.6	239	496.9	105	714.3	67	468.5	55	625.0	90	511.4	105	519.8	33
74	477.4	56	309.4	181	376.3	81	551.0	58	405.6	45	511.4	67	380.7	67	331.7	34
1	6.5	1	5.5	1	2.1	-	-	-	-	-	-	1	5.7	-	-	35
2	12.9	-	-	4	8.3	3	20.4	-	-	1	11.4	-	-	-	-	36
-	-	1	5.5	-	-	-	-	-	-	-	-	-	-	-	-	37
48	309.7	39	215.5	132	274.4	57	387.8	50	349.7	33	375.0	55	312.5	51	252.5	[illegible]
25	161.3	18	99.4	62	128.9	33	224.5	23	160.8	16	181.8	27	153.4	26	128.	[illegible]
-	-	-	-	-	-	1	6.8	-	-	1	11.4	-	-	-	-	[illegible]
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]
23	148.4	21	116.0	70	145.5	23	156.5	27	188.8	16	181.8	28	159.1	25	123.8	42
-	-	4	22.1	2	4.2	2	13.6	-	-	-	-	2	11.4	-	-	43
23	148.4	11	60.8	42	87.3	19	129.3	8	55.9	11	125.0	9	51.1	16	79.2	44
1	6.5	2	11.0	-	-	-	-	-	-	-	-	1	5.7	-	-	45
27	174.2	23	127.1	49	101.9	14	95.2	7	49.0	9	102.3	19	108.0	23	113.9	46
1	6.5	1	5.5	5	10.4	1	6.8	-	-	-	-	-	-	-	-	47
11	71.0	2	11.0	4	8.3	1	6.8	-	-	-	-	-	-	2	9.9	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
15	96.8	20	110.5	40	83.2	12	81.6	7	49.0	9	102.3	19	108.0	21	104.0	50
18	116.1	-	-	3	6.2	8	54.4	1	7.0	-	-	2	11.4	8	39.6	51
4	25.8	4	22.1	6	12.5	2	13.6	1	7.0	1	11.4	1	5.7	7	34.7	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
4	25.8	8	44.2	24	49.9	2	13.6	8	55.9	7	79.5	3	17.0	4	19.8	54
3	19.4	2	11.0	-	-	1	6.8	-	-	-	-	-	-	4	19.8	55
7	45.2	10	55.2	19	39.5	2	13.6	3	21.0	12	136.4	6	34.1	9	44.6	56
-	-	-	-	4	8.3	-	-	-	-	-	-	1	5.7	-	-	57
1	6.5	-	-	4	8.3	-	-	1	7.0	2	22.7	-	-	1	5.0	58
1	6.5	1	5.5	-	-	1	6.8	-	-	2	22.7	-	-	-	-	59
5	32.3	9	49.7	11	22.9	1	6.8	2	14.0	8	90.9	5	28.4	8	39.6	60
1	6.5	1	5.5	3	6.2	-	-	-	-	-	-	1	5.7	-	-	61
1	6.5	-	-	1	2.1	1	6.8	-	-	-	-	1	5.7	1	5.0	62
-	-	1	5.5	1	2.1	-	-	1	7.0	-	-	-	-	2	9.9	63
1	6.5	-	-	2	4.2	-	-	3	21.0	-	-	2	11.4	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	1	7.0	-	-	-	-	-	-	66
1	6.5	-	-	2	4.2	-	-	2	14.0	-	-	2	11.4	-	-	67
-	-	-	-	-	-	-	-	-	-	-	-	1	5.7	1	5.0	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
2	12.9	1	5.5	1	2.1	1	6.8	1	7.0	-	-	-	-	2	9.9	71
2	12.9	1	5.5	-	-	-	-	-	-	-	-	-	-	2	9.9	72
-	-	1	5.5	-	-	-	-	-	-	-	-	-	-	-	-	73
2	12.9	-	-	-	-	-	-	-	-	-	-	-	-	2	9.9	74
-	-	2	11.0	2	4.2	1	6.8	-	-	-	-	4	22.7	2	9.9	75
20	129.0	14	77.3	33	68.6	7	47.6	13	90.9	4	45.5	11	62.5	22	108.9	76
8	51.6	4	22.1	14	29.1	14	95.2	2	14.0	4	45.5	1	5.7	18	89.1	77
-	-	3	16.6	6	12.5	5	34.0	1	7.0	2	22.7	1	5.7	13	64.4	78
8	51.6	1	5.5	8	16.6	9	61.2	1	7.0	2	22.7	-	-	5	24.8	79
2	12.9	2	11.0	6	12.5	-	-	-	-	2	22.7	1	5.7	-	-	80
-	-	-	-	-	-	-	-	-	-	-	-	1	5.7	-	-	81
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Clinton Number	Clinton Rate	Crawford Number	Crawford Rate	Dallas Number	Dallas Rate
1	Population - July 1 -	52,900	...	18,400	...	30,400	...
2	Live Births	674	12.7	204	11.1	445	14.6
3	Out of Wedlock	140	207.7	34	166.7	74	166.3
4	Congenital Malformations	21	31.2	4	19.6	16	36.0
5	Deaths from All Causes	556	10.5	160	8.7	274	9.0
6	Maternal Deaths	-	-	-	-	1	22.5
7	Fetal Deaths	4	5.9	2	9.8	1	2.2
8	Neonatal Deaths	3	4.5	1	4.9	5	11.2
9	Perinatal Deaths	7	10.4	3	14.7	6	13.5
10	Infant Deaths	3	4.5	1	4.9	5	11.2
11	Marriages	591	11.2	119	6.5	228	7.5
12	Dissolutions	152	2.9	77	4.2	111	3.7
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	8	15.1	2	10.9	3	9.9
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	124	234.4	33	179.3	59	194.1
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	3	5.7	-	-	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	37	69.9	13	70.7	10	32.9
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	30	56.7	7	38.0	19	62.5
22	Malignant Neoplasms of Breast	12	22.7	1	5.4	8	26.3
23	Malignant Neoplasms of Genital Organs	16	30.2	2	10.9	4	13.2
24	Malignant Neoplasms of Urinary Organs	3	5.7	4	21.7	3	9.9
25	Malignant Neoplasms of All Other and Unspecified Sites	12	22.7	5	27.2	6	19.7
26	Leukemia	3	5.7	-	-	5	16.4
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	8	15.1	1	5.4	4	13.2
28	Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	1	5.4	-	-
29	Diabetes Mellitus	14	26.5	5	27.2	4	13.2
30	Anemias	4	7.6	1	5.4	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	4	7.6	2	10.9	1	3.3
33	Major Cardiovascular Diseases	268	506.6	73	396.7	129	424.3
34	Diseases of Heart	198	374.3	63	342.4	95	312.5
35	Rheumatic Fever and Rheumatic Heart Disease	2	3.8	-	-	3	9.9
36	Hypertensive Heart Disease	2	3.8	-	-	4	13.2
37	Hypertensive Heart and Renal Disease	1	1.9	2	10.9	-	-
38	Ischemic Heart Disease	120	226.8	48	260.9	60	197.4
39	Acute Myocardial Infarction	61	115.3	35	190.2	34	111.8
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	1	1.9	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	58	109.6	13	70.7	26	85.5
43	Other Diseases of the Endocardium	5	9.5	1	5.4	1	3.3
44	All Other Forms of Heart Disease	68	128.5	12	65.2	27	88.8
45	Hypertension With or Without Renal Disease	2	3.8	-	-	3	9.9
46	Cerebrovascular Diseases	54	102.1	9	48.9	17	55.9
47	Intracerebral and Other Intracranial Hemorrhage	5	9.5	2	10.9	7	23.0
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	-	-	1	5.4	1	3.3
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	49	92.6	6	32.6	9	29.6
51	Arteriosclerosis	7	13.2	-	-	5	16.4
52	Other Diseases of Arteries, Arterioles, and Capillaries	7	13.2	1	5.4	9	29.6
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	15	28.4	4	21.7	8	26.3
55	Influenza	-	-	1	5.4	1	3.3
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	27	51.0	11	59.8	14	46.1
57	Bronchitis, Chronic and Unspecified	3	5.7	1	5.4	1	3.3
58	Emphysema	6	11.3	3	16.3	4	13.2
59	Asthma	1	1.9	1	5.4	1	3.3
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	17	32.1	6	32.6	8	26.3
61	Ulcer of the Stomach and Duodenum	1	1.9	-	-	1	3.3
62	Chronic Liver Disease and Cirrhosis	6	11.3	2	10.9	4	13.2
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	1	5.4	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	7	13.2	1	5.4	1	3.3
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	7	13.2	1	5.4	1	3.3
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	1	3.3
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	1	22.5
71	Congenital Anomalies	-	-	1	5.4	2	6.6
72	Certain Conditions Originating in the Perinatal Period	3	5.7	-	-	2	6.6
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	1	1.9	-	-	1	3.3
74	Other Conditions Originating in the Perinatal Period	2	3.8	-	-	1	3.3
75	Symptoms, Signs, and Ill-Defined Conditions	6	11.3	1	5.4	-	-
76	All Other Diseases	42	79.4	11	59.8	25	82.2
77	Accidents and Adverse Effects	22	41.6	7	38.0	11	36.2
78	Motor Vehicle Accidents	8	15.1	2	10.9	5	16.4
79	All Other Accidents and Adverse Effects	14	26.5	5	27.2	6	19.7
80	Suicides	3	5.7	3	16.3	5	16.4
81	Homicide and Legal Intervention	1	1.9	-	-	2	6.6
82	Other External Causes	1	1.9	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Davis		Decatur		Delaware		Des Moines		Dickinson		Dubuque		Emmet		Fayette		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
8,700	...	8,600	...	18,600	...	44,300	...	15,300	...	90,900	...	11,600	...	22,600	...	1
116	13.3	99	11.5	264	14.2	582	13.1	158	10.3	1,184	13.0	121	10.4	279	12.3	2
18	155.2	16	161.6	28	106.1	172	295.5	19	120.3	215	181.6	20	165.3	43	154.1	3
7	60.3	1	10.1	12	45.5	13	22.3	9	57.0	22	18.6	9	74.4	9	32.3	4
99	11.4	105	12.2	165	8.9	493	11.1	161	10.5	853	9.4	156	13.4	266	11.8	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	-	-	-	-	3	5.2	1	6.3	8	6.8	-	-	3	10.8	7
-	-	-	-	-	-	-	-	2	12.7	4	3.4	1	8.3	2	7.2	8
-	-	-	-	-	-	3	5.2	3	19.0	12	10.1	1	8.3	5	17.9	9
-	-	-	-	1	3.8	1	1.7	2	12.7	6	5.1	2	16.5	2	7.2	10
69	7.9	66	7.7	149	8.0	572	12.9	147	9.6	938	10.3	87	7.5	185	8.2	11
26	3.0	32	3.7	48	2.6	162	3.7	70	4.6	274	3.0	38	3.3	64	2.8	12
-	-	-	-	-	-	3	6.8	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	2	4.5	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	1	2.3	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4.4	16
-	-	-	-	1	5.4	7	15.8	1	6.5	7	7.7	-	-	2	8.8	17
26	298.9	19	220.9	35	188.2	113	255.1	50	326.8	220	242.0	28	241.4	53	234.5	18
-	-	-	-	-	-	4	9.0	1	6.5	2	2.2	-	-	1	4.4	19
2	23.0	6	69.8	8	43.0	26	58.7	16	104.6	61	67.1	7	60.3	10	44.2	20
8	92.0	3	34.9	11	59.1	27	60.9	18	117.6	70	77.0	8	69.0	12	53.1	21
4	46.0	-	-	4	21.5	9	20.3	6	39.2	17	18.7	3	25.9	7	31.0	22
5	57.5	2	23.3	3	16.1	9	20.3	6	39.2	13	14.3	5	43.1	8	35.4	23
-	-	3	34.9	-	-	6	13.5	-	-	15	16.5	1	8.6	4	17.7	24
5	57.5	5	58.1	5	26.9	12	27.1	1	6.5	19	20.9	3	25.9	4	17.7	25
1	11.5	-	-	1	5.4	12	27.1	1	6.5	13	14.3	-	-	2	8.8	26
1	11.5	-	-	3	16.1	8	18.1	1	6.5	10	11.0	1	8.6	5	22.1	27
-	-	-	-	-	-	1	2.3	-	-	5	5.5	1	8.6	2	8.8	28
2	23.0	2	23.3	3	16.1	13	29.3	3	19.6	16	17.6	4	34.5	4	17.7	29
-	-	-	-	-	-	-	-	2	13.1	3	3.3	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
-	-	4	46.5	1	5.4	5	11.3	-	-	13	14.3	-	-	3	13.3	32
49	563.2	47	546.5	81	435.5	238	537.2	70	457.5	392	431.2	74	637.9	144	637.2	33
39	448.3	44	511.6	46	247.3	179	404.1	45	294.1	296	325.6	58	500.0	113	500.0	34
-	-	-	-	-	-	1	2.3	-	-	2	2.2	-	-	-	-	35
4	46.0	-	-	2	10.8	1	2.3	-	-	2	2.2	-	-	-	-	36
4	46.0	-	-	-	-	-	-	1	6.5	-	-	-	-	1	4.4	37
26	298.9	20	232.6	35	188.2	125	282.2	38	248.4	189	207.9	44	379.3	76	336.3	38
15	172.4	13	151.2	16	86.0	53	119.6	13	85.0	81	89.1	32	275.9	35	154.9	39
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
-	-	-	-	-	-	:	2.3	-	-	4	4.4	-	-	1	4.4	41
11	126.4	7	81.4	19	102.2	71	160.3	25	163.4	104	114.4	12	103.4	40	177.0	42
-	-	1	11.6	-	-	4	9.0	-	-	4	4.4	2	17.2	4	17.7	43
5	57.5	23	267.4	9	48.4	48	108.4	6	39.2	99	108.9	12	103.4	32	141.6	44
-	-	1	11.6	-	-	-	-	-	-	2	2.2	1	8.6	1	4.4	45
6	69.0	1	11.6	28	150.5	52	117.4	19	124.2	66	72.6	9	77.6	23	101.8	46
-	-	-	-	4	21.5	6	13.5	1	6.5	9	9.9	1	8.6	6	26.5	47
-	-	-	-	14	75.3	7	15.8	-	-	8	8.8	-	-	1	4.4	48
-	-	-	-	1	5.4	-	-	-	-	-	-	-	-	-	-	49
6	69.0	1	11.6	9	48.4	39	88.0	18	117.6	49	53.9	8	69.0	16	70.8	50
2	23.0	-	-	4	21.5	4	9.0	5	32.7	13	14.3	2	17.2	5	22.1	51
2	23.0	1	11.6	3	16.1	3	6.8	1	6.5	15	16.5	4	34.5	2	8.8	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
5	57.5	11	127.9	8	43.0	18	40.6	7	45.8	40	44.0	16	137.9	13	57.5	54
-	-	1	11.6	1	5.4	1	2.3	-	-	-	-	1	8.6	2	8.8	55
2	23.0	3	34.9	4	21.5	15	33.9	4	26.1	27	29.7	7	60.3	9	39.8	56
1	11.5	-	-	2	10.8	1	2.3	-	-	-	-	1	8.6	-	-	57
1	11.5	1	11.6	-	-	4	9.0	-	-	10	11.0	1	8.6	-	-	58
-	-	-	-	-	-	-	-	-	-	1	1.1	-	-	-	-	59
-	-	2	23.3	2	10.8	10	22.6	4	26.1	16	17.6	5	43.1	9	39.8	60
-	-	-	-	1	5.4	1	2.3	2	13.1	2	2.2	-	-	2	8.8	61
-	-	-	-	2	10.8	5	11.3	2	13.1	6	6.6	1	8.6	1	4.4	62
2	23.0	-	-	-	-	1	2.3	-	-	-	-	-	-	1	4.4	63
1	11.5	1	11.6	-	-	3	6.8	2	13.1	2	2.2	-	-	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
1	11.5	1	11.6	-	-	-	-	1	6.5	1	1.1	-	-	-	-	66
-	-	-	-	-	-	3	6.8	1	6.5	1	1.1	-	-	-	-	67
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
-	-	1	11.6	-	-	1	2.3	2	13.1	1	1.1	-	-	1	4.4	71
-	-	-	-	1	5.4	-	-	-	-	2	2.2	1	8.6	2	8.8	72
-	-	-	-	-	-	-	-	-	-	-	-	1	8.6	-	-	73
-	-	-	-	1	5.4	-	-	-	-	2	2.2	-	-	2	8.8	74
1	11.5	2	23.3	-	-	3	6.8	-	-	6	6.6	1	8.6	-	-	75
6	69.0	8	93.0	19	102.2	39	88.0	9	58.8	71	78.1	15	129.3	13	57.5	76
5	57.5	5	58.1	7	37.6	18	40.6	5	32.7	31	34.1	6	51.7	10	44.2	77
3	34.5	1	11.6	1	5.4	5	11.3	2	13.1	18	19.8	3	25.9	3	13.3	78
2	23.0	4	46.5	6	32.3	13	29.3	3	19.6	13	14.3	3	25.9	7	31.0	79
-	-	-	-	1	5.4	6	13.5	1	6.5	9	9.9	1	8.6	3	13.3	80
-	-	-	-	-	-	2	4.5	1	6.5	-	-	-	-	-	-	81
-	-	1	11.6	-	-	-	-	-	-	-	-	-	-	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Floyd Number	Floyd Rate	Franklin Number	Franklin Rate	Fremont Number	Fremont Rate
1	Population - July 1 -	18,100	...	11,800	...	8,800	...
2	Live Births	220	12.2	132	11.2	98	11.1
3	Out of Wedlock	47	213.6	14	106.1	19	193.9
4	Congenital Malformations	5	22.7	3	22.7	2	20.4
5	Deaths from All Causes	219	12.1	136	11.5	122	13.9
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	-	-	2	15.2	-	-
8	Neonatal Deaths	-	-	-	-	1	10.2
9	Perinatal Deaths	-	-	2	15.2	1	10.2
10	Infant Deaths	-	-	1	7.6	2	20.4
11	Marriages	123	6.8	73	6.2	73	8.3
12	Dissolutions	57	3.1	32	2.7	31	3.5
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	1	5.5	1	8.5	1	11.4
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	47	259.7	33	279.7	26	295.5
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	-	-	2	16.9	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	11	60.8	11	93.2	12	136.4
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	15	82.9	7	59.3	5	56.8
22	Malignant Neoplasms of Breast	4	22.1	3	25.4	2	22.7
23	Malignant Neoplasms of Genital Organs	3	16.6	4	33.9	3	34.1
24	Malignant Neoplasms of Urinary Organs	2	11.0	2	16.9	-	-
25	Malignant Neoplasms of All Other and Unspecified Sites	7	38.7	3	25.4	1	11.4
26	Leukemia	-	-	-	-	2	22.7
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	5	27.6	1	8.5	1	11.4
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	1	5.5	-	-	-	-
29	Diabetes Mellitus	4	22.1	4	33.9	1	11.4
30	Anemias	-	-	-	-	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	1	5.5	2	16.9	-	-
33	Major Cardiovascular Diseases	108	596.7	63	533.9	53	602.3
34	Diseases of Heart	81	447.5	51	432.2	42	477.3
35	Rheumatic Fever and Rheumatic Heart Disease	-	-	-	-	-	-
36	Hypertensive Heart Disease	3	16.6	-	-	1	11.4
37	Hypertensive Heart and Renal Disease	-	-	-	-	1	11.4
38	Ischemic Heart Disease	67	370.2	31	262.7	26	295.5
39	Acute Myocardial Infarction	21	116.0	16	135.6	17	193.2
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	-	-	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	46	254.1	15	127.1	9	102.3
43	Other Diseases of the Endocardium	2	11.0	1	8.5	3	34.1
44	All Other Forms of Heart Disease	9	49.7	19	161.0	11	125.0
45	Hypertension With or Without Renal Disease	2	11.0	-	-	-	-
46	Cerebrovascular Diseases	16	88.4	10	84.7	6	68.2
47	Intracerebral and Other Intracranial Hemorrhage	-	-	-	-	-	-
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	1	5.5	2	16.9	3	34.1
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	15	82.9	8	67.8	3	34.1
51	Arteriosclerosis	6	33.1	1	8.5	5	56.8
52	Other Diseases of Arteries, Arterioles, and Capillaries	3	16.6	1	8.5	-	-
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	7	38.7	7	59.3	5	56.8
55	Influenza	2	11.0	-	-	1	11.4
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	11	60.8	6	50.8	9	102.3
57	Bronchitis, Chronic and Unspecified	-	-	1	8.5	-	-
58	Emphysema	1	5.5	-	-	3	34.1
59	Asthma	1	5.5	-	-	1	11.4
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	9	49.7	5	42.4	5	56.8
61	Ulcer of the Stomach and Duodenum	-	-	-	-	1	11.4
62	Chronic Liver Disease and Cirrhosis	5	27.6	1	8.5	-	-
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	-	-	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	4	22.1	2	16.9	1	11.4
65	Acute Glomerulonephritis and Nephrotic Syndrome	1	5.5	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	3	16.6	2	16.9	1	11.4
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	-	-	-	-	-	-
72	Certain Conditions Originating in the Perinatal Period	-	-	-	-	1	11.4
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	-	-	-	-	1	11.4
75	Symptoms, Signs, and Ill-Defined Conditions	1	5.5	-	-	1	11.4
76	All Other Diseases	18	99.4	10	84.7	15	170.5
77	Accidents and Adverse Effects	6	33.1	7	59.3	4	45.5
78	Motor Vehicle Accidents	5	27.6	4	33.9	2	22.7
79	All Other Accidents and Adverse Effects	1	5.5	3	25.4	2	22.7
80	Suicides	2	11.0	-	-	3	34.1
81	Homicide and Legal Intervention	1	5.5	-	-	-	-
82	Other External Causes	-	-	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Greene		Grundy		Guthrie		Hamilton		Hancock		Hardin		Harrison		Henry		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
10,700	...	12,700	...	11,000	...	16,900	...	13,300	...	19,800	...	15,900	...	18,800	...	1
104	9.7	138	10.9	111	10.1	213	12.6	167	12.6	214	10.8	191	12.0	224	11.9	2
21	201.9	13	94.2	25	225.2	33	154.9	19	113.8	33	154.2	40	209.4	46	205.4	3
1	9.6	3	21.7	5	45.0	8	37.6	7	41.9	4	18.7	5	26.2	9	40.2	4
123	11.5	130	10.2	147	13.4	194	11.5	111	8.3	231	11.7	177	11.1	209	11.1	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	-	-	-	-	1	4.7	4	24.0	1	4.7	-	-	1	4.5	7
-	-	-	-	2	18.0	2	9.4	1	6.0	-	-	-	-	2	8.9	8
-	-	-	-	2	18.0	3	14.1	5	29.9	1	4.7	-	-	3	13.4	9
-	-	-	-	2	18.0	3	14.1	2	12.0	1	4.7	-	-	3	13.4	10
104	9.7	91	7.2	87	7.9	148	8.8	82	6.2	153	7.7	134	8.4	171	9.1	11
40	3.7	27	2.1	40	3.6	60	3.6	21	1.6	68	3.4	57	3.6	73	3.9	12
1	9.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
1	9.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
3	28.0	2	15.7	-	-	3	17.8	-	-	3	15.2	2	12.6	1	5.3	17
26	243.0	29	228.3	24	218.2	45	266.3	24	180.5	49	247.5	30	188.7	36	191.5	18
-	-	-	-	2	18.2	-	-	-	-	-	-	-	-	1	5.3	19
7	65.4	9	70.9	10	90.9	8	47.3	10	75.2	12	60.6	12	75.5	9	47.9	20
8	74.8	6	47.2	3	27.3	11	65.1	6	45.1	13	65.7	3	18.9	7	37.2	21
1	9.3	3	23.6	1	9.1	4	23.7	1	7.5	3	15.2	3	18.9	4	21.3	22
-	-	6	47.2	3	27.3	5	29.6	2	15.0	11	55.6	5	31.4	6	31.9	23
3	28.0	2	15.7	-	-	7	41.4	1	7.5	1	5.1	1	6.3	1	5.3	24
6	56.1	1	7.9	2	18.2	3	17.8	2	15.0	5	25.3	4	25.2	4	21.3	25
1	9.3	2	15.7	1	9.1	4	23.7	1	7.5	3	15.2	1	6.3	-	-	26
-	-	-	-	2	18.2	3	17.8	1	7.5	1	5.1	1	6.3	4	21.3	27
-	-	-	-	-	-	-	-	-	-	2	10.1	-	-	-	-	28
2	18.7	-	-	2	18.2	2	11.8	1	7.5	3	15.2	4	25.2	2	10.6	29
-	-	1	7.9	1	9.1	-	-	-	-	-	-	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
-	-	3	23.6	-	-	4	23.7	-	-	-	-	1	6.3	1	5.3	32
70	654.2	66	519.7	90	818.2	96	568.0	84	481.2	116	585.9	95	597.5	119	633.0	33
49	457.9	48	378.0	26	236.4	76	449.7	62	391.0	91	459.6	83	522.0	100	531.9	34
-	-	1	7.9	1	9.1	-	-	-	-	-	-	-	-	-	-	35
-	-	4	31.5	1	9.1	2	11.8	-	-	3	15.2	1	6.3	3	16.0	36
-	-	2	15.7	-	-	1	5.9	-	-	-	-	-	-	-	-	37
40	373.8	27	212.6	18	163.6	51	301.8	42	315.8	58	292.9	40	251.6	81	430.9	38
11	102.8	15	118.1	11	100.0	35	207.1	23	172.9	38	191.9	17	106.9	37	196.8	39
1	9.3	-	-	-	-	-	-	1	7.5	-	-	-	-	-	-	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
28	261.7	12	94.5	7	63.6	16	94.7	18	135.3	20	101.0	23	144.7	44	234.0	42
1	9.3	1	7.9	2	18.2	3	17.8	-	-	2	10.1	-	-	2	10.6	43
8	74.8	13	102.4	4	36.4	19	112.4	10	75.2	28	141.4	42	264.2	14	74.5	44
1	9.3	1	7.9	1	9.1	2	11.8	-	-	1	5.1	-	-	-	-	45
13	121.5	11	86.6	15	136.4	12	71.0	12	90.2	20	101.0	12	75.5	14	74.5	46
2	18.7	4	31.5	-	-	2	11.8	-	-	-	-	2	12.6	1	5.3	47
3	28.0	-	-	1	9.1	2	11.8	2	15.0	1	5.1	-	-	6	31.9	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
8	74.8	7	55.1	14	127.3	8	47.3	10	75.2	19	96.0	10	62.9	7	37.2	50
4	37.4	5	39.4	48	436.4	3	17.8	-	-	-	-	-	-	4	21.3	51
3	28.0	1	7.9	-	-	3	17.8	-	-	4	20.2	-	-	1	5.3	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
4	37.4	6	47.2	4	36.4	11	65.1	6	45.1	16	80.8	12	75.5	3	16.0	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
4	37.4	6	47.2	7	63.6	5	29.6	3	22.6	17	85.9	9	56.6	6	31.9	56
-	-	-	-	-	-	-	-	-	-	-	-	1	6.3	-	-	57
1	9.3	2	15.7	1	9.1	2	11.8	2	15.0	4	20.2	2	12.6	-	-	58
-	-	-	-	-	-	-	-	-	-	1	5.1	-	-	1	5.3	59
3	28.0	4	31.5	6	54.5	3	17.8	1	7.5	12	60.6	6	37.7	5	26.6	60
-	-	-	-	2	18.2	1	5.9	-	-	2	10.1	1	6.3	1	5.3	61
-	-	1	7.9	1	9.1	-	-	-	-	1	5.1	-	-	3	16.0	62
-	-	-	-	-	-	-	-	-	-	1	5.1	-	-	1	5.3	63
-	-	-	-	-	-	1	5.9	-	-	1	5.1	1	6.3	3	16.0	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5.3	66
-	-	-	-	-	-	1	5.9	-	-	1	5.1	1	6.3	2	10.6	67
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5.3	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
-	-	1	7.9	1	9.1	1	5.9	-	-	-	-	-	-	2	10.6	71
-	-	-	-	1	9.1	2	11.8	1	7.5	-	-	-	-	1	5.3	72
-	-	-	-	1	9.1	-	-	-	-	-	-	-	-	-	-	73
-	-	-	-	-	-	2	11.8	1	7.5	-	-	-	-	1	5.3	74
-	-	-	-	1	9.1	2	11.8	1	7.5	2	10.1	1	6.3	1	5.3	75
8	74.8	11	86.6	6	54.5	11	65.1	6	45.1	14	70.7	10	62.9	13	69.1	76
2	18.7	2	15.7	5	45.5	5	29.6	4	30.1	4	20.2	9	56.6	10	53.2	77
2	18.7	-	-	1	9.1	4	23.7	2	15.0	3	15.2	6	37.7	7	37.2	78
-	-	2	15.7	4	36.4	1	5.9	2	15.0	1	5.1	3	18.9	3	16.0	79
3	28.0	2	15.7	2	18.2	4	23.7	1	7.5	-	-	2	12.6	4	21.3	80
-	-	-	-	-	-	1	5.9	-	-	-	-	-	-	1	5.3	81
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Howard Number	Howard Rate	Humboldt Number	Humboldt Rate	Ida Number	Ida Rate
1	Population - July 1 -	10,500	...	11,300	...	8,600	...
2	Live Births	126	12.0	136	12.0	150	17.4
3	Out of Wedlock	15	119.0	10	73.5	12	80.0
4	Congenital Malformations	3	23.8	5	36.8	5	33.3
5	Deaths from All Causes	107	10.2	99	8.8	86	10.0
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	3	23.8	1	7.4	-	-
8	Neonatal Deaths	-	-	1	7.4	2	13.3
9	Perinatal Deaths	3	23.8	2	14.7	2	13.3
10	Infant Deaths	-	-	1	7.4	2	13.3
11	Marriages	88	8.4	67	5.9	61	7.1
12	Dissolutions	19	1.8	39	3.5	24	2.8
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	2	19.0	2	17.7	-	-
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	21	200.0	25	221.2	23	267.4
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	-	-	-	-	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	7	66.7	6	53.1	16	186.0
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	4	38.1	9	79.6	1	11.6
22	Malignant Neoplasms of Breast	3	28.6	2	17.7	3	34.9
23	Malignant Neoplasms of Genital Organs	3	28.6	3	26.5	1	11.6
24	Malignant Neoplasms of Urinary Organs	-	-	1	8.8	-	-
25	Malignant Neoplasms of All Other and Unspecified Sites	4	38.1	3	26.5	2	23.3
26	Leukemia	-	-	-	-	-	-
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	-	-	1	8.8	-	-
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	-	-	-	-
29	Diabetes Mellitus	3	28.6	1	8.8	1	11.6
30	Anemias	-	-	-	-	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	1	9.5	-	-	-	-
33	Major Cardiovascular Diseases	51	485.7	48	424.8	45	523.3
34	Diseases of Heart	39	371.4	33	292.0	44	511.6
35	Rheumatic Fever and Rheumatic Heart Disease	-	-	-	-	-	-
36	Hypertensive Heart Disease	1	9.5	1	8.8	-	-
37	Hypertensive Heart and Renal Disease	-	-	-	-	-	-
38	Ischemic Heart Disease	33	314.3	15	132.7	35	407.0
39	Acute Myocardial Infarction	21	200.0	10	88.5	16	186.0
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	1	11.6
41	Angina Pectoris	-	-	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	12	114.3	5	44.2	18	209.3
43	Other Diseases of the Endocardium	1	9.5	-	-	-	-
44	All Other Forms of Heart Disease	4	38.1	17	150.4	9	104.7
45	Hypertension With or Without Renal Disease	-	-	-	-	-	-
46	Cerebrovascular Diseases	11	104.8	10	88.5	-	-
47	Intracerebral and Other Intracranial Hemorrhage	2	19.0	2	17.7	-	-
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	1	9.5	3	26.5	-	-
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	8	76.2	5	44.2	-	-
51	Arteriosclerosis	-	-	2	17.7	-	-
52	Other Diseases of Arteries, Arterioles, and Capillaries	1	9.5	3	26.5	1	11.6
53	Acute Bronchitis and Bronchiolitis	1	9.5	-	-	-	-
54	Pneumonia	6	57.1	5	44.2	3	34.9
55	Influenza	-	-	-	-	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	5	47.6	3	26.5	1	11.6
57	Bronchitis, Chronic and Unspecified	-	-	-	-	-	-
58	Emphysema	-	-	1	8.8	-	-
59	Asthma	1	9.5	-	-	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	4	38.1	2	17.7	1	11.6
61	Ulcer of the Stomach and Duodenum	3	28.6	-	-	-	-
62	Chronic Liver Disease and Cirrhosis	1	9.5	1	8.8	1	11.6
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	-	-	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	1	9.5	-	-	-	-
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	1	9.5	-	-	-	-
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	-	-	-	-	-	-
72	Certain Conditions Originating in the Perinatal Period	-	-	1	8.8	2	23.3
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	2	23.3
74	Other Conditions Originating in the Perinatal Period	-	-	1	8.8	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	1	9.5	-	-	-	-
76	All Other Diseases	4	38.1	8	70.8	5	58.1
77	Accidents and Adverse Effects	7	66.7	4	35.4	4	46.5
78	Motor Vehicle Accidents	4	38.1	4	35.4	1	11.6
79	All Other Accidents and Adverse Effects	3	28.6	-	-	3	34.9
80	Suicides	-	-	1	8.8	1	11.6
81	Homicide and Legal Intervention	-	-	-	-	-	-
82	Other External Causes	-	-	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Iowa		Jackson		Jasper		Jefferson		Johnson		Jones		Keokuk		Kossuth		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
14,700	...	21,700	...	36,200	...	16,700	...	86,700	...	19,800	...	12,000	...	19,700	...	1
236	16.1	255	11.8	461	12.7	202	12.1	1,297	15.0	236	11.9	152	12.7	240	12.2	2
21	89.0	43	168.6	61	132.3	31	153.5	138	106.4	35	148.3	17	111.8	25	104.2	3
4	16.9	5	19.6	7	15.2	8	39.6	41	31.6	3	12.7	7	46.1	11	45.8	4
152	10.3	247	11.4	329	9.1	145	8.7	461	5.3	174	8.8	151	12.6	189	9.6	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
2	8.5	1	3.9	2	4.3	1	5.0	8	6.2	3	12.7	2	13.2	3	12.5	7
5	21.2	3	11.8	1	2.2	-	-	8	6.2	-	-	-	-	-	-	8
7	29.7	4	15.7	3	6.5	1	5.0	16	12.3	3	12.7	2	13.2	3	12.5	9
5	21.2	4	15.7	3	6.5	1	5.0	14	10.8	-	-	-	-	-	-	10
106	7.2	195	9.0	271	7.5	155	9.3	774	8.9	146	7.4	77	6.4	145	7.4	11
52	3.5	50	2.3	158	4.4	90	5.4	216	2.5	55	2.8	31	2.6	38	1.9	12
-	-	-	-	1	2.8	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	1	2.8	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	2	9.2	3	8.3	2	12.0	8	9.2	-	-	6	50.0	3	15.2	17
32	217.7	59	271.9	79	218.2	37	221.6	115	132.6	42	212.1	33	275.0	53	269.0	18
-	-	1	4.6	1	2.8	1	6.0	2	2.3	-	-	-	-	1	5.1	19
6	40.8	13	59.9	14	38.7	8	47.9	38	43.8	5	25.3	8	66.7	12	60.9	20
8	54.4	15	69.1	23	63.5	7	41.9	29	33.4	13	65.7	11	91.7	13	66.0	21
3	20.4	5	23.0	8	22.1	6	35.9	8	9.2	5	25.3	-	-	3	15.2	22
3	20.4	7	32.3	10	27.6	4	24.0	10	11.5	5	25.3	1	8.3	9	45.7	23
2	13.6	4	18.4	6	16.6	3	18.0	5	5.8	1	5.1	1	8.3	3	15.2	24
4	27.2	11	50.7	9	24.9	3	18.0	11	12.7	9	45.5	5	41.7	4	20.3	25
3	20.4	2	9.2	2	5.5	1	6.0	4	4.6	1	5.1	5	41.7	5	25.4	26
3	20.4	1	4.6	6	16.6	4	24.0	8	9.2	3	15.2	2	16.7	3	15.2	27
-	-	2	9.2	1	2.8	-	-	-	-	-	-	-	-	-	-	28
7	47.6	7	32.3	11	30.4	1	6.0	3	3.5	4	20.2	2	16.7	1	5.1	29
3	20.4	1	4.6	2	5.5	-	-	-	-	-	-	1	8.3	1	5.1	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
-	-	-	-	4	11.0	-	-	5	5.8	2	10.1	1	8.3	1	5.1	32
64	435.4	123	566.8	140	386.7	77	461.1	199	229.5	84	424.2	70	583.3	73	370.6	33
52	353.7	96	442.4	111	306.6	51	305.4	153	176.5	58	292.9	58	483.3	64	324.9	34
-	-	-	-	1	2.8	-	-	6	6.9	1	5.1	1	8.3	1	5.1	35
4	27.2	4	18.4	1	2.8	1	6.0	4	4.6	3	15.2	-	-	-	-	36
-	-	1	4.6	-	-	-	-	2	2.3	-	-	1	8.3	-	-	37
39	265.3	78	359.4	92	254.1	38	227.5	120	138.4	45	227.3	45	375.0	49	248.7	38
16	108.8	27	124.4	59	163.0	16	95.8	48	55.4	20	101.0	29	241.7	26	132.0	39
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
-	-	-	-	1	2.8	-	-	-	-	-	-	-	-	-	-	41
23	156.5	51	235.0	32	88.4	22	131.7	72	83.0	25	126.3	16	133.3	23	116.8	42
1	6.8	1	4.6	-	-	2	12.0	1	1.2	1	5.1	-	-	2	10.2	43
8	54.4	12	55.3	17	47.0	10	59.9	20	23.1	8	40.4	11	91.7	12	60.9	44
-	-	-	-	-	-	1	6.0	4	4.6	-	-	-	-	2	10.2	45
8	54.4	20	92.2	17	47.0	23	137.7	34	39.2	21	106.1	9	75.0	4	20.3	46
1	6.8	-	-	1	2.8	1	6.0	4	4.6	3	15.2	1	8.3	-	-	47
-	-	-	-	8	22.1	2	12.0	3	3.5	3	15.2	-	-	-	-	48
-	-	-	-	-	-	-	-	1	1.2	-	-	-	-	-	-	49
7	47.6	20	92.2	8	22.1	20	119.8	26	30.0	15	75.8	8	66.7	4	20.3	50
1	6.8	3	13.8	10	27.6	-	-	6	6.9	2	10.1	2	16.7	-	-	51
3	20.4	4	18.4	2	5.5	2	12.0	2	2.3	3	15.2	1	8.3	3	15.2	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
8	54.4	13	59.9	21	58.0	5	29.9	14	16.1	7	35.4	6	50.0	8	40.6	54
1	6.8	1	4.6	2	5.5	-	-	-	-	-	-	1	8.3	-	-	55
6	40.8	9	41.5	9	24.9	6	35.9	20	23.1	4	20.2	7	58.3	6	30.5	56
1	6.8	-	-	-	-	-	-	-	-	-	-	-	-	1	5.1	57
-	-	1	4.6	2	5.5	1	6.0	9	10.4	-	-	-	-	-	-	58
-	-	-	-	2	5.5	-	-	-	-	1	5.1	-	-	-	-	59
5	34.0	8	36.9	5	13.8	5	29.9	11	12.7	3	15.2	7	58.3	5	25.4	60
-	-	1	4.6	1	2.8	1	6.0	3	3.5	1	5.1	3	25.0	1	5.1	61
-	-	4	18.4	1	2.8	-	-	3	3.5	2	10.1	-	-	1	5.1	62
-	-	-	-	-	-	1	6.0	1	1.2	-	-	-	-	-	-	63
2	13.6	-	-	1	2.8	-	-	4	4.6	-	-	5	41.7	3	15.2	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
1	6.8	-	-	1	2.8	-	-	1	1.2	-	-	2	16.7	-	-	66
1	6.8	-	-	-	-	-	-	3	3.5	-	-	3	25.0	3	15.2	67
-	-	-	-	-	-	1	6.0	1	1.2	-	-	-	-	1	5.1	68
-	-	-	-	-	-	-	-	1	1.2	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
1	6.8	3	13.8	-	-	-	-	4	4.6	1	5.1	-	-	-	-	71
5	34.0	1	4.6	2	5.5	-	-	5	5.8	-	-	-	-	-	-	72
-	-	1	4.6	2	5.5	-	-	-	-	-	-	-	-	-	-	73
5	34.0	-	-	-	-	-	-	5	5.8	-	-	-	-	-	-	74
1	6.8	1	4.6	3	8.3	2	12.0	5	5.8	1	5.1	-	-	2	10.2	75
17	115.6	13	59.9	24	66.3	6	35.9	45	51.9	12	60.6	15	125.0	16	81.2	76
4	27.2	5	23.0	18	49.7	6	35.9	22	25.4	10	50.5	-	-	17	86.3	77
1	6.8	3	13.8	10	27.6	2	12.0	14	16.1	4	20.2	-	-	9	45.7	78
3	20.4	2	9.2	8	22.1	4	24.0	8	9.2	6	30.3	-	-	8	40.6	79
1	6.8	2	9.2	4	11.0	-	-	3	3.5	4	20.2	1	8.3	2	10.2	80
-	-	-	-	2	5.5	-	-	-	-	-	-	-	-	-	-	81
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Lee		Linn		Louisa	
		Number	Rate	Number	Rate	Number	Rate
1	Population - July 1 -	40,400	...	171,500	...	12,000	...
2	Live Births	492	12.2	2,507	14.6	149	12.4
3	Out of Wedlock	149	302.8	522	208.2	28	187.9
4	Congenital Malformations	21	42.7	49	19.5	4	26.8
5	Deaths from All Causes	423	10.5	1,288	7.5	103	8.6
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	6	12.2	10	4.0	3	20.1
8	Neonatal Deaths	3	6.1	12	4.8	2	13.4
9	Perinatal Deaths	9	18.3	22	8.8	5	33.6
10	Infant Deaths	4	8.1	19	7.6	2	13.4
11	Marriages	487	12.1	1,519	8.9	92	7.7
12	Dissolutions	151	3.7	566	3.3	54	4.5
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	5	12.4	10	5.8	1	8.3
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	113	279.7	307	179.0	27	225.0
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	3	7.4	7	4.1	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	36	89.1	65	37.9	14	116.7
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	24	59.4	91	53.1	5	41.7
22	Malignant Neoplasms of Breast	14	34.7	38	22.2	2	16.7
23	Malignant Neoplasms of Genital Organs	16	39.6	34	19.8	1	8.3
24	Malignant Neoplasms of Urinary Organs	-	-	13	7.6	-	-
25	Malignant Neoplasms of All Other and Unspecified Sites	9	22.3	36	21.0	-	-
26	Leukemia	6	14.9	10	5.8	1	8.3
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	5	12.4	13	7.6	4	33.3
28	Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	2	5.0	2	1.2	-	-
29	Diabetes Mellitus	6	14.9	34	19.8	-	-
30	Anemias	1	2.5	1	0.6	-	-
31	Meningitis	-	-	1	0.6	-	-
32	Alzheimer's Disease	3	7.4	7	4.1	-	-
33	Major Cardiovascular Diseases	173	428.2	537	313.1	48	400.0
34	Diseases of Heart	144	356.4	400	233.2	40	333.3
35	Rheumatic Fever and Rheumatic Heart Disease	1	2.5	3	1.7	-	-
36	Hypertensive Heart Disease	3	7.4	28	16.3	-	-
37	Hypertensive Heart and Renal Disease	1	2.5	1	0.6	-	-
38	Ischemic Heart Disease	92	227.7	258	150.4	27	225.0
39	Acute Myocardial Infarction	45	111.4	94	54.8	11	91.7
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	1	8.3
41	Angina Pectoris	-	-	1	0.6	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	47	116.3	163	95.0	15	125.0
43	Other Diseases of the Endocardium	2	5.0	14	8.2	4	33.3
44	All Other Forms of Heart Disease	45	111.4	96	56.0	9	75.0
45	Hypertension With or Without Renal Disease	-	-	5	2.9	-	-
46	Cerebrovascular Diseases	25	61.9	106	61.8	8	66.7
47	Intracerebral and Other Intracranial Hemorrhage	4	9.9	9	5.2	2	16.7
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	1	2.5	10	5.8	-	-
49	Cerebral Embolism	-	-	1	0.6	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	20	49.5	86	50.1	6	50.0
51	Arteriosclerosis	3	7.4	16	9.3	-	-
52	Other Diseases of Arteries, Arterioles, and Capillaries	1	2.5	10	5.8	-	-
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	28	69.3	38	22.2	5	41.7
55	Influenza	-	-	6	3.5	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	22	54.5	82	47.8	3	25.0
57	Bronchitis, Chronic and Unspecified	1	2.5	1	0.6	-	-
58	Emphysema	3	7.4	4	2.3	-	-
59	Asthma	1	2.5	3	1.7	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	17	42.1	74	43.1	3	25.0
61	Ulcer of the Stomach and Duodenum	-	-	5	2.9	-	-
62	Chronic Liver Disease and Cirrhosis	3	7.4	13	7.6	-	-
63	Cholelithiasis and Other Disorders of the Gallbladder	1	2.5	4	2.3	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	7	17.3	6	3.5	1	8.3
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	2	1.2	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	7	17.3	4	2.3	1	8.3
68	Infections of Kidney	1	2.5	2	1.2	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	1	2.5	7	4.1	-	-
72	Certain Conditions Originating in the Perinatal Period	2	5.0	6	3.5	2	16.7
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	2	1.2	1	8.3
74	Other Conditions Originating in the Perinatal Period	2	5.0	4	2.3	1	8.3
75	Symptoms, Signs, and Ill-Defined Conditions	1	2.5	9	5.2	-	-
76	All Other Diseases	35	86.6	131	76.4	9	75.0
77	Accidents and Adverse Effects	16	39.6	51	29.7	6	50.0
78	Motor Vehicle Accidents	9	22.3	26	15.2	5	41.7
79	All Other Accidents and Adverse Effects	7	17.3	25	14.6	1	8.3
80	Suicides	2	5.0	20	11.7	1	8.3
81	Homicide and Legal Intervention	1	2.5	5	2.9	-	-
82	Other External Causes	-	-	4	2.3	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Lucas		Lyon		Madison		Mahaska		Marion		Marshall		Mills		Mitchell		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
Lucas		Lyon		Madison		Mahaska		Marion		Marshall		Mills		Mitchell		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
9,500	...	12,200	...	12,600	...	22,400	...	30,200	...	39,400	...	13,400	...	11,500	...	1
93	9.8	167	13.7	167	13.3	316	14.1	398	13.2	488	12.4	168	12.5	127	11.0	2
14	150.5	9	53.9	28	167.7	60	189.9	51	128.1	92	188.5	28	166.7	15	118.1	3
5	53.8	3	18.0	8	47.9	4	12.7	13	32.7	10	20.5	1	6.0	5	39.4	4
139	14.6	128	10.5	144	11.4	243	10.8	315	10.4	500	12.7	147	11.0	150	13.0	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	1	6.0	1	6.0	1	3.2	-	-	2	4.1	-	-	1	7.9	7
1	10.5	-	-	-	-	3	9.5	3	7.5	1	2.0	-	-	1	7.9	8
1	10.8	1	6.0	1	6.0	4	12.7	3	7.5	3	6.1	-	-	2	15.7	9
3	32.3	-	-	-	-	3	9.5	4	10.1	2	4.1	-	-	1	7.9	10
64	6.7	78	6.4	101	8.0	201	9.0	258	8.5	346	8.8	98	7.3	80	7.0	11
40	4.2	19	1.6	50	4.0	96	4.3	122	4.0	174	4.4	48	3.6	20	1.7	12
-	-	-	-	-	-	-	-	1	3.3	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	1	3.3	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	2	16.4	3	23.8	3	13.4	4	13.2	8	20.3	-	-	1	8.7	17
34	357.9	41	336.1	30	238.1	63	281.3	60	198.7	132	335.0	33	246.3	35	304.3	18
-	-	1	8.2	-	-	1	4.5	-	-	5	12.7	1	7.5	1	8.7	19
12	126.3	6	49.2	6	47.6	12	53.6	13	43.0	28	71.1	8	59.7	9	78.3	20
11	115.8	7	57.4	12	95.2	16	71.4	13	43.0	38	96.4	7	52.2	10	87.0	21
3	31.6	3	24.6	3	23.8	12	53.6	7	23.2	9	22.8	1	7.5	1	8.7	22
3	31.6	8	65.6	7	55.6	10	44.6	11	36.4	20	50.8	6	44.8	1	8.7	23
1	10.5	3	24.6	-	-	4	17.9	3	9.9	6	15.2	1	7.5	3	26.1	24
1	10.5	7	57.4	1	7.9	3	13.4	4	13.2	13	33.0	2	14.9	6	52.2	25
-	-	3	24.6	1	7.9	-	-	4	13.2	4	10.2	2	14.9	1	8.7	26
3	31.6	3	24.6	-	-	5	22.3	5	16.6	9	22.8	5	37.3	3	26.1	27
1	10.5	-	-	-	-	1	4.5	-	-	1	2.5	-	-	-	-	28
3	31.6	2	16.4	5	39.7	2	8.9	5	16.6	9	22.8	4	29.9	3	26.1	29
-	-	-	-	1	7.9	-	-	1	3.3	1	2.5	3	22.4	1	8.7	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
1	10.5	3	24.6	2	15.9	2	8.9	3	9.9	2	5.1	-	-	4	34.8	32
66	694.7	47	385.2	62	492.1	112	500.0	148	490.1	221	560.9	75	559.7	64	556.5	33
56	589.5	35	286.9	45	357.1	73	325.9	113	374.2	152	385.8	60	447.8	50	434.8	34
-	-	1	8.2	1	7.9	-	-	2	6.6	1	2.5	-	-	-	-	35
2	21.1	-	-	3	23.8	-	-	-	-	10	25.4	-	-	-	-	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
46	484.2	20	163.9	32	254.0	57	254.5	76	251.7	68	172.6	47	350.7	46	400.0	38
22	231.6	9	73.8	12	95.2	28	125.0	44	145.7	38	96.4	35	261.2	22	191.3	39
-	-	-	-	1	7.9	-	-	-	-	-	-	-	-	-	-	40
-	-	-	-	-	-	-	-	-	-	1	2.5	-	-	-	-	41
24	252.6	11	90.2	19	150.8	29	129.5	32	106.0	29	73.6	12	89.6	24	208.7	42
-	-	4	32.8	-	-	-	-	5	16.6	6	15.2	-	-	2	17.4	43
8	84.2	10	82.0	9	71.4	16	71.4	30	99.3	67	170.1	13	97.0	2	17.4	44
-	-	2	16.4	1	7.9	-	-	-	-	2	5.1	-	-	1	8.7	45
9	94.7	10	82.0	8	63.5	26	116.1	28	92.7	52	132.0	8	59.7	8	69.6	46
-	-	1	8.2	3	23.8	-	-	4	13.2	1	2.5	1	7.5	1	8.7	47
-	-	-	-	3	23.8	1	4.5	3	9.9	12	30.5	-	-	1	8.7	48
-	-	-	-	-	-	-	-	1	3.3	1	2.5	-	-	-	-	49
9	94.7	9	73.8	2	15.9	25	111.6	20	66.2	38	96.4	7	52.2	6	52.2	50
-	-	-	-	8	63.5	7	31.3	2	6.6	10	25.4	-	-	2	17.4	51
1	10.5	-	-	-	-	6	26.8	5	16.6	5	12.7	7	52.2	3	26.1	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
2	21.1	-	-	10	79.4	12	53.6	25	82.8	19	48.2	7	52.2	8	69.6	54
-	-	-	-	-	-	2	8.9	1	3.3	-	-	-	-	-	-	55
7	73.7	6	49.2	3	23.8	12	53.6	14	46.4	22	55.8	5	37.3	2	17.4	56
-	-	-	-	-	-	1	4.5	1	3.3	3	7.6	-	-	-	-	57
2	21.1	1	8.2	1	7.9	3	13.4	3	9.9	2	5.1	-	-	-	-	58
1	10.5	-	-	-	-	-	-	1	3.3	-	-	-	-	-	-	59
4	42.1	5	41.0	2	15.9	8	35.7	9	29.8	17	43.1	5	37.3	2	17.4	60
-	-	-	-	3	23.8	1	4.5	2	6.6	-	-	1	7.5	1	8.7	61
-	-	2	16.4	-	-	1	4.5	2	6.6	3	7.6	1	7.5	2	17.4	62
-	-	1	8.2	-	-	-	-	1	3.3	3	7.6	-	-	-	-	63
3	31.6	2	16.4	1	7.9	1	4.5	2	6.6	1	2.5	-	-	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
3	31.6	2	16.4	1	7.9	1	4.5	2	6.6	1	2.5	-	-	-	-	67
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
2	21.1	1	8.2	-	-	3	13.4	1	3.3	-	-	2	14.9	-	-	71
1	10.5	-	-	-	-	-	-	1	3.3	1	2.5	-	-	1	8.7	72
1	10.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73
-	-	-	-	-	-	-	-	1	3.3	1	2.5	-	-	1	8.7	74
-	-	-	-	-	-	3	13.4	1	3.3	5	12.7	-	-	-	-	75
8	84.2	16	131.1	16	127.0	16	71.4	24	79.5	52	132.0	9	67.2	14	121.7	76
9	94.7	4	32.8	6	47.6	7	31.3	14	46.4	18	45.7	5	37.3	10	87.0	77
2	21.1	2	16.4	3	23.8	3	13.4	8	26.5	11	27.9	2	14.9	2	17.4	78
7	73.7	2	16.4	3	23.8	4	17.9	6	19.9	7	17.8	3	22.4	8	69.6	79
2	21.1	1	8.2	2	15.9	2	8.9	5	16.6	1	2.5	-	-	4	34.8	80
-	-	-	-	-	-	-	-	-	-	1	2.5	-	-	-	-	81
-	-	-	-	-	-	-	-	-	-	-	-	2	14.9	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Monona Number	Monona Rate	Monroe Number	Monroe Rate	Montgomery Number	Montgomery Rate
1	Population - July 1 -	10,400	...	8,400	...	12,200	...
2	Live Births	113	10.9	96	11.4	150	12.3
3	Out of Wedlock	26	230.1	17	177.1	29	193.3
4	Congenital Malformations	2	17.7	1	10.4	3	20.0
5	Deaths from All Causes	143	13.8	137	16.3	186	15.2
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	-	-	2	20.8	1	6.7
8	Neonatal Deaths	-	-	1	10.4	-	-
9	Perinatal Deaths	-	-	3	31.3	1	6.7
10	Infant Deaths	-	-	1	10.4	1	6.7
11	Marriages	85	8.2	61	7.3	97	8.0
12	Dissolutions	32	3.1	28	3.3	68	5.6
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	-	-	1	11.9	1	8.2
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	29	278.8	29	345.2	37	303.3
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	3	28.8	1	11.9	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	5	48.1	5	59.5	16	131.1
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	3	28.8	11	131.0	6	49.2
22	Malignant Neoplasms of Breast	4	38.5	3	35.7	2	16.4
23	Malignant Neoplasms of Genital Organs	4	38.5	2	23.8	3	24.6
24	Malignant Neoplasms of Urinary Organs	4	38.5	2	23.8	2	16.4
25	Malignant Neoplasms of All Other and Unspecified Sites	3	28.8	2	23.8	3	24.6
26	Leukemia	3	28.8	2	23.8	2	16.4
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	-	-	1	11.9	3	24.6
28	Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	-	-	1	8.2
29	Diabetes Mellitus	4	38.5	4	47.6	6	49.2
30	Anemias	1	9.6	-	-	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	-	-	1	11.9	4	32.8
33	Major Cardiovascular Diseases	81	778.8	65	773.8	88	721.3
34	Diseases of Heart	70	673.1	48	571.4	60	491.8
35	Rheumatic Fever and Rheumatic Heart Disease	-	-	-	-	1	8.2
36	Hypertensive Heart Disease	-	-	4	47.6	-	-
37	Hypertensive Heart and Renal Disease	-	-	-	-	-	-
38	Ischemic Heart Disease	45	432.7	29	345.2	51	418.0
39	Acute Myocardial Infarction	27	259.6	15	178.6	31	254.1
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	-	-	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	18	173.1	14	166.7	20	163.9
43	Other Diseases of the Endocardium	-	-	4	47.6	1	8.2
44	All Other Forms of Heart Disease	25	240.4	11	131.0	7	57.4
45	Hypertension With or Without Renal Disease	1	9.6	2	23.8	1	8.2
46	Cerebrovascular Diseases	8	76.9	13	154.8	20	163.9
47	Intracerebral and Other Intracranial Hemorrhage	1	9.6	-	-	1	8.2
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	1	9.6	1	11.9	1	8.2
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	6	57.7	12	142.9	18	147.5
51	Arteriosclerosis	-	-	1	11.9	4	32.8
52	Other Diseases of Arteries, Arterioles, and Capillaries	2	19.2	1	11.9	3	24.6
53	Acute Bronchitis and Bronchiolitis	1	9.6	-	-	-	-
54	Pneumonia	6	57.7	8	95.2	7	57.4
55	Influenza	-	-	-	-	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	2	19.2	7	83.3	11	90.2
57	Bronchitis, Chronic and Unspecified	-	-	1	11.9	-	-
58	Emphysema	-	-	1	11.9	-	-
59	Asthma	1	9.6	-	-	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	1	9.6	5	59.5	11	90.2
61	Ulcer of the Stomach and Duodenum	-	-	1	11.9	1	8.2
62	Chronic Liver Disease and Cirrhosis	-	-	1	11.9	1	8.2
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	-	-	1	8.2
64	Nephritis, Nephrotic Syndrome, and Nephrosis	2	19.2	2	23.8	2	16.4
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	1	9.6	1	11.9	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	1	9.6	1	11.9	2	16.4
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	-	-	1	11.9	-	-
72	Certain Conditions Originating in the Perinatal Period	-	-	1	11.9	-	-
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	-	-	1	11.9	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	-	-	-	-	1	8.2
76	All Other Diseases	7	67.3	5	59.5	13	106.6
77	Accidents and Adverse Effects	10	96.2	9	107.1	8	65.6
78	Motor Vehicle Accidents	5	48.1	5	59.5	2	16.4
79	All Other Accidents and Adverse Effects	5	48.1	4	47.6	6	49.2
80	Suicides	-	-	2	23.8	4	32.8
81	Homicide and Legal Intervention	-	-	-	-	-	-
82	Other External Causes	-	-	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Muscatine		O'Brien		Osceola		Page		Palo Alto		Plymouth		Pocahontas		Polk		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
41,100	...	15,600	...	7,600	...	17,100	...	11,100	...	24,100	...	10,300	...	324,700	...	1
682	16.6	195	12.5	100	13.2	220	12.9	140	12.6	310	12.9	110	10.7	5,545	17.1	2
137	200.9	16	82.1	6	60.0	41	186.4	19	135.7	40	129.0	10	90.9	1,302	234.8	3
12	17.6	3	15.4	2	20.0	4	18.2	3	21.4	7	22.6	-	-	163	29.4	4
377	9.2	182	11.7	78	10.3	214	12.5	139	12.5	220	9.1	132	12.8	2,571	7.9	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.8	6
1	1.5	1	5.1	-	-	-	-	1	7.1	3	9.7	-	-	39	7.0	7
5	7.3	1	5.1	-	-	-	-	-	-	1	3.2	-	-	44	7.9	8
6	8.8	2	10.3	-	-	-	-	1	7.1	4	12.9	-	-	83	15.0	9
6	8.8	1	5.1	-	-	1	4.5	-	-	2	6.5	-	-	59	10.6	10
429	10.4	124	7.9	66	8.7	107	6.3	73	6.6	170	7.1	70	6.8	3,187	9.8	11
219	5.3	35	2.2	18	2.4	75	4.4	29	2.6	47	2.0	27	2.6	1,665	5.1	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.3	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.3	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
6	14.6	1	6.4	-	-	3	17.5	3	27.0	3	12.4	-	-	33	10.2	17
93	226.3	42	269.2	20	263.2	41	239.8	28	252.3	52	215.8	28	271.8	613	188.8	18
1	2.4	-	-	-	-	-	-	1	9.0	-	-	-	-	9	2.8	19
26	63.3	8	51.3	4	52.6	11	64.3	10	90.1	9	37.3	6	58.3	165	50.8	20
26	63.3	13	83.3	3	39.5	12	70.2	7	63.1	17	70.5	9	87.4	192	59.1	21
7	17.0	4	25.6	1	13.2	4	23.4	2	18.0	4	16.6	-	-	54	16.6	22
14	34.1	4	25.6	7	92.1	5	29.2	-	-	11	45.6	4	38.8	69	21.3	23
3	7.3	3	19.2	1	13.2	2	11.7	2	18.0	4	16.6	2	19.4	25	7.7	24
9	21.9	5	32.1	-	-	3	17.5	1	9.0	2	8.3	3	29.1	47	14.5	25
2	4.9	-	-	3	39.5	-	-	3	27.0	2	8.3	2	19.4	31	9.5	26
5	12.2	5	32.1	1	13.2	4	23.4	2	18.0	3	12.4	2	19.4	21	6.5	27
-	-	-	-	-	-	-	-	-	-	1	4.1	1	9.7	6	1.8	28
10	24.3	3	19.2	2	26.3	3	17.5	3	27.0	5	20.7	3	29.1	53	16.3	29
1	2.4	-	-	-	-	-	-	-	-	-	-	-	-	4	1.2	30
1	2.4	-	-	-	-	-	-	-	-	-	-	-	-	2	0.6	31
1	2.4	1	6.4	1	13.2	5	29.2	1	9.0	-	-	-	-	24	7.4	32
151	367.4	85	544.9	40	526.3	101	590.6	70	630.6	111	460.6	57	553.4	1,097	337.9	33
107	260.3	62	397.4	30	394.7	83	485.4	52	468.5	85	352.7	45	436.9	874	269.2	34
1	2.4	-	-	1	13.2	2	11.7	-	-	1	4.1	-	-	18	5.5	35
-	-	-	-	-	-	3	17.5	3	27.0	1	4.1	4	38.8	37	11.4	36
-	-	-	-	-	-	1	5.8	-	-	-	-	-	-	2	0.6	37
68	165.5	51	326.9	15	197.4	57	333.3	37	333.3	70	290.5	34	330.1	396	122.0	38
43	104.6	24	153.8	13	171.1	32	187.1	25	225.2	18	74.7	19	184.5	219	67.4	39
-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.9	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.3	41
25	60.8	27	173.1	2	26.3	25	146.2	12	108.1	52	215.8	15	145.6	173	53.3	42
2	4.9	1	6.4	1	13.2	-	-	2	18.0	2	8.3	-	-	12	3.7	43
36	87.6	10	64.1	13	171.1	20	117.0	10	90.1	11	45.6	7	68.0	409	126.0	44
2	4.9	-	-	-	-	-	-	-	-	1	4.1	-	-	12	3.7	45
25	60.8	18	115.4	7	92.1	13	76.0	8	72.1	18	74.7	9	87.4	164	50.5	46
3	7.3	2	12.8	1	13.2	-	-	-	-	-	-	1	9.7	20	6.2	47
-	-	4	25.6	1	13.2	-	-	2	18.0	1	4.1	2	19.4	23	7.1	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
22	53.5	12	76.9	5	65.8	13	76.0	6	54.1	17	70.5	6	58.3	121	37.3	50
6	14.6	4	25.6	2	26.3	2	11.7	10	90.1	4	16.6	-	-	15	4.6	51
11	26.8	1	6.4	1	13.2	3	17.5	-	-	3	12.4	3	29.1	32	9.9	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.6	53
27	65.7	4	25.6	4	52.6	8	46.8	4	36.0	9	37.3	12	116.5	85	26.2	54
-	-	-	-	-	-	3	17.5	-	-	2	8.3	-	-	3	0.9	55
15	36.5	8	51.3	3	39.5	7	40.9	6	54.1	7	29.0	8	77.7	116	35.7	56
-	-	1	6.4	-	-	-	-	1	9.0	-	-	-	-	6	1.8	57
5	12.2	1	6.4	-	-	-	-	1	9.0	1	4.1	-	-	28	8.6	58
2	4.9	1	6.4	-	-	2	11.7	-	-	1	4.1	1	9.7	7	2.2	59
8	19.5	5	32.1	3	39.5	5	29.2	4	36.0	5	20.7	7	68.0	75	23.1	60
1	2.4	1	6.4	-	-	-	-	2	18.0	1	4.1	2	19.4	8	2.5	61
-	-	3	19.2	-	-	1	5.8	-	-	1	4.1	1	9.7	35	10.8	62
1	2.4	1	6.4	-	-	2	11.7	-	-	-	-	-	-	4	1.2	63
2	4.9	4	25.6	-	-	1	5.8	-	-	2	8.3	1	9.7	23	7.1	64
1	2.4	-	-	-	-	-	-	-	-	-	-	-	-	1	0.3	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.9	66
1	2.4	4	25.6	-	-	1	5.8	-	-	2	8.3	1	9.7	19	5.9	67
2	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.8	70
2	4.9	-	-	-	-	-	-	-	-	1	4.1	-	-	25	7.7	71
4	9.7	-	-	-	-	-	-	-	-	-	-	-	-	30	9.2	72
2	4.9	-	-	-	-	-	-	-	-	-	-	-	-	7	2.2	73
2	4.9	-	-	-	-	-	-	-	-	-	-	-	-	23	7.1	74
-	-	-	-	-	-	3	17.5	1	9.0	1	4.1	-	-	19	5.9	75
34	82.7	24	153.8	4	52.6	29	169.6	14	126.1	13	53.9	10	97.1	204	62.8	76
24	58.4	4	25.6	3	39.5	4	23.4	7	63.1	8	33.2	7	68.0	120	37.0	77
19	46.2	4	25.6	-	-	2	11.7	3	27.0	3	12.4	6	58.3	48	14.8	78
5	12.2	-	-	3	39.5	2	11.7	4	36.0	5	20.7	1	9.7	72	22.2	79
2	4.9	-	-	1	13.2	2	11.7	-	-	2	8.3	1	9.7	46	14.2	80
-	-	-	-	-	-	1	5.8	-	-	-	-	1	9.7	15	4.6	81
-	-	1	6.4	-	-	-	-	-	-	1	4.1	-	-	2	0.6	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Pottawattamie Number	Pottawattamie Rate	Poweshiek Number	Poweshiek Rate	Ringgold Number	Ringgold Rate
1	Population - July 1 -	88,000	...	18,900	...	5,400	...
2	Live Births	1,281	14.6	226	12.0	53	9.8
3	Out of Wedlock	327	255.3	28	123.9	4	75.5
4	Congenital Malformations	24	18.7	10	44.2	2	37.7
5	Deaths from All Causes	731	8.3	195	10.3	65	12.0
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	5	3.9	-	-	1	18.9
8	Neonatal Deaths	7	5.5	3	13.3	-	-
9	Perinatal Deaths	12	9.4	3	13.3	1	18.9
10	Infant Deaths	11	8.6	3	13.3	-	-
11	Marriages	894	10.2	143	7.6	36	6.7
12	Dissolutions	465	5.3	82	4.3	21	3.9
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	8	9.1	-	-	1	18.5
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	171	194.3	36	190.5	17	314.8
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	2	2.3	-	-	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	43	48.9	7	37.0	6	111.1
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	59	67.0	11	58.2	4	74.1
22	Malignant Neoplasms of Breast	12	13.6	4	21.2	1	18.5
23	Malignant Neoplasms of Genital Organs	11	12.5	7	37.0	3	55.6
24	Malignant Neoplasms of Urinary Organs	8	9.1	2	10.6	-	-
25	Malignant Neoplasms of All Other and Unspecified Sites	15	17.0	4	21.2	2	37.0
26	Leukemia	7	8.0	-	-	1	18.5
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	14	15.9	1	5.3	-	-
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	3	3.4	1	5.3	-	-
29	Diabetes Mellitus	13	14.8	8	42.3	1	18.5
30	Anemias	-	-	3	15.9	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	2	2.3	5	26.5	1	18.5
33	Major Cardiovascular Diseases	346	393.2	95	502.6	34	629.6
34	Diseases of Heart	285	323.9	71	375.7	31	574.1
35	Rheumatic Fever and Rheumatic Heart Disease	3	3.4	-	-	-	-
36	Hypertensive Heart Disease	8	9.1	1	5.3	-	-
37	Hypertensive Heart and Renal Disease	1	1.1	-	-	-	-
38	Ischemic Heart Disease	173	196.6	45	238.1	15	277.8
39	Acute Myocardial Infarction	73	83.0	24	127.0	11	203.7
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	1	1.1	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	99	112.5	21	111.1	4	74.1
43	Other Diseases of the Endocardium	3	3.4	1	5.3	-	-
44	All Other Forms of Heart Disease	97	110.2	24	127.0	16	296.3
45	Hypertension With or Without Renal Disease	2	2.3	-	-	-	-
46	Cerebrovascular Diseases	45	51.1	16	84.7	2	37.0
47	Intracerebral and Other Intracranial Hemorrhage	6	6.8	-	-	-	-
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	8	9.1	-	-	-	-
49	Cerebral Embolism	-	-	1	5.3	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	31	35.2	15	79.4	2	37.0
51	Arteriosclerosis	6	6.8	4	21.2	-	-
52	Other Diseases of Arteries, Arterioles, and Capillaries	8	9.1	4	21.2	1	18.5
53	Acute Bronchitis and Bronchiolitis	1	1.1	-	-	-	-
54	Pneumonia	24	27.3	5	26.5	1	18.5
55	Influenza	1	1.1	1	5.3	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	37	42.0	5	26.5	1	18.5
57	Bronchitis, Chronic and Unspecified	2	2.3	-	-	-	-
58	Emphysema	8	9.1	-	-	-	-
59	Asthma	1	1.1	-	-	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	26	29.5	5	26.5	1	18.5
61	Ulcer of the Stomach and Duodenum	4	4.5	-	-	-	-
62	Chronic Liver Disease and Cirrhosis	5	5.7	2	10.6	-	-
63	Cholelithiasis and Other Disorders of the Gallbladder	1	1.1	1	5.3	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	2	2.3	-	-	2	37.0
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	2	2.3	-	-	2	37.0
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	4	4.5	1	5.3	-	-
72	Certain Conditions Originating in the Perinatal Period	3	3.4	1	5.3	-	-
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	1	1.1	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	2	2.3	1	5.3	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	6	6.8	2	10.6	-	-
76	All Other Diseases	52	59.1	15	79.4	6	111.1
77	Accidents and Adverse Effects	35	39.8	11	58.2	1	18.5
78	Motor Vehicle Accidents	14	15.9	5	26.5	-	-
79	All Other Accidents and Adverse Effects	21	23.9	6	31.7	1	18.5
80	Suicides	11	12.5	3	15.9	-	-
81	Homicide and Legal Intervention	1	1.1	-	-	-	-
82	Other External Causes	1	1.1	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Sac		Scott		Shelby		Sioux		Story		Tama		Taylor		Union		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
12,600	...	155,400	...	14,100	...	30,200	...	71,900	...	18,400	...	7,500	...	12,900	...	1
153	12.1	2,376	15.3	163	11.6	432	14.3	874	12.2	218	11.8	79	10.5	166	12.9	2
17	111.1	721	303.5	15	92.0	21	48.6	62	70.9	54	247.7	12	151.9	28	168.7	3
6	39.2	41	17.3	9	55.2	7	16.2	16	18.3	1	4.6	2	25.3	7	42.2	4
177	14.0	1,218	7.8	161	11.4	238	7.9	405	5.6	209	11.4	133	17.7	156	12.1	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	21	8.8	-	-	6	13.9	5	5.7	2	9.2	3	38.0	2	12.0	7
1	6.5	13	5.5	2	12.3	1	2.3	2	2.3	-	-	2	25.3	1	6.0	8
1	6.5	34	14.3	2	12.3	7	16.2	7	8.0	2	9.2	5	63.3	3	18.1	9
2	13.1	24	10.1	3	18.4	3	6.9	3	3.4	-	-	5	63.3	1	6.0	10
101	8.0	1,726	11.1	125	8.9	208	6.9	513	7.1	144	7.8	50	6.7	121	9.4	11
29	2.3	664	4.3	41	2.9	41	1.4	211	2.9	65	3.5	15	2.0	63	4.9	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7.8	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7.8	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
1	7.9	14	9.0	1	7.1	4	13.2	5	7.0	2	10.9	2	26.7	2	15.5	17
27	214.3	282	181.5	40	283.7	50	165.6	84	116.8	47	255.4	23	306.7	36	279.1	18
-	-	4	2.6	-	-	1	3.3	2	2.8	-	-	-	-	-	-	19
4	31.7	79	50.8	7	49.6	18	59.6	15	20.9	14	76.1	3	40.0	9	69.8	20
8	63.5	86	55.3	14	99.3	9	29.8	24	33.4	10	54.3	6	80.0	6	46.5	21
1	7.9	24	15.4	3	21.3	3	9.9	8	11.1	5	27.2	2	26.7	2	15.5	22
5	39.7	28	18.0	3	21.3	7	23.2	13	18.1	6	32.6	1	13.3	7	54.3	23
2	15.9	12	7.7	4	28.4	1	3.3	2	2.8	3	16.3	1	13.3	3	23.3	24
3	23.8	31	19.9	2	14.2	2	6.6	12	16.7	6	32.6	5	66.7	5	38.8	25
1	7.9	5	3.2	2	14.2	-	-	4	5.6	2	10.9	1	13.3	-	-	26
3	23.8	13	8.4	5	35.5	9	29.8	4	5.6	1	5.4	4	53.3	4	31.0	27
2	15.9	3	1.9	-	-	2	6.6	3	4.2	1	5.4	1	13.3	1	7.8	28
3	23.8	26	16.7	4	28.4	7	23.2	7	9.7	3	16.3	2	26.7	3	23.3	29
1	7.9	-	-	1	7.1	-	-	2	2.8	1	5.4	-	-	-	-	30
-	-	2	1.3	-	-	-	-	-	-	-	-	-	-	-	-	31
-	-	12	7.7	-	-	1	3.3	8	11.1	-	-	1	13.3	1	7.8	32
104	825.4	529	340.4	79	560.3	105	347.7	195	271.2	105	570.7	60	800.0	65	503.9	33
78	619.0	369	237.5	65	461.0	86	284.8	150	208.6	78	423.9	44	586.7	55	426.4	34
-	-	6	3.9	-	-	-	-	4	5.6	2	10.9	1	13.3	-	-	35
2	15.9	21	13.5	1	7.1	1	3.3	5	7.0	1	5.4	1	13.3	-	-	36
1	7.9	2	1.3	-	-	-	-	1	1.4	-	-	-	-	-	-	37
64	507.9	256	164.7	23	163.1	52	172.2	100	139.1	44	239.1	24	320.0	36	279.1	38
38	301.6	134	86.2	14	99.3	33	109.3	39	54.2	19	103.3	14	186.7	23	178.3	39
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7.8	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
26	206.3	122	78.5	9	63.8	19	62.9	61	84.8	25	135.9	10	133.3	12	93.0	42
-	-	8	5.1	1	7.1	1	3.3	3	4.2	5	27.2	3	40.0	-	-	43
11	87.3	76	48.9	40	283.7	32	106.0	37	51.5	26	141.3	15	200.0	19	147.3	44
1	7.9	3	1.9	1	7.1	-	-	2	2.8	1	5.4	-	-	1	7.8	45
14	111.1	99	63.7	10	70.9	15	49.7	35	48.7	19	103.3	11	146.7	6	46.5	46
2	15.9	12	7.7	-	-	1	3.3	5	7.0	3	16.3	1	13.3	3	23.3	47
3	23.8	11	7.1	-	-	-	-	3	4.2	1	5.4	2	26.7	-	-	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
9	71.4	76	48.9	10	70.9	14	46.4	27	37.6	15	81.5	8	106.7	3	23.3	50
10	79.4	40	25.7	3	21.3	-	-	2	2.8	3	16.3	2	26.7	1	7.8	51
1	7.9	18	11.6	-	-	4	13.2	6	8.3	4	21.7	3	40.0	2	15.5	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
4	31.7	32	20.6	8	56.7	12	39.7	21	29.2	10	54.3	3	40.0	8	62.0	54
-	-	1	0.6	-	-	1	3.3	2	2.8	-	-	1	13.3	-	-	55
5	39.7	78	50.2	4	28.4	6	19.9	17	23.6	5	27.2	10	133.3	7	54.3	56
-	-	2	1.3	1	7.1	1	3.3	-	-	-	-	4	53.3	-	-	57
2	15.9	6	3.9	-	-	1	3.3	1	1.4	-	-	-	-	4	31.0	58
-	-	3	1.9	-	-	-	-	3	4.2	-	-	2	26.7	1	7.8	59
3	23.8	67	43.1	3	21.3	4	13.2	13	18.1	5	27.2	4	53.3	2	15.5	60
-	-	9	5.8	-	-	1	3.3	1	1.4	1	5.4	1	13.3	1	7.8	61
1	7.9	13	8.4	2	14.2	-	-	2	2.8	-	-	-	-	2	15.5	62
2	15.9	3	1.9	-	-	1	3.3	1	1.4	2	10.9	-	-	-	-	63
-	-	6	3.9	2	14.2	3	9.9	2	2.8	2	10.9	1	13.3	2	15.5	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	2	1.3	-	-	-	-	-	-	1	5.4	-	-	-	-	66
-	-	4	2.6	2	14.2	3	9.9	2	2.8	1	5.4	1	13.3	2	15.5	67
1	7.9	-	-	-	-	1	3.3	1	1.4	-	-	-	-	-	-	68
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
2	15.9	8	5.1	2	14.2	1	3.3	1	1.4	-	-	-	-	1	7.8	71
-	-	14	9.0	1	7.1	1	3.3	1	1.4	-	-	2	26.7	-	-	72
-	-	1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	73
-	-	13	8.4	1	7.1	1	3.3	1	1.4	-	-	2	26.7	-	-	74
-	-	13	8.4	1	7.1	6	19.9	2	2.8	-	-	2	26.7	1	7.8	75
15	119.0	101	65.0	9	63.8	22	72.8	30	41.7	20	108.7	16	213.3	17	131.8	76
7	55.6	48	30.9	6	42.6	14	46.4	13	18.1	9	48.9	5	66.7	7	54.3	77
4	31.7	21	13.5	4	28.4	7	23.2	4	5.6	3	16.3	2	26.7	2	15.5	78
3	23.8	27	17.4	2	14.2	7	23.2	9	12.5	6	32.6	3	40.0	5	38.8	79
2	15.9	19	12.2	1	7.1	-	-	6	8.3	1	5.4	3	40.0	1	7.8	80
-	-	5	3.2	-	-	-	-	-	-	-	-	-	-	-	-	81
-	-	-	-	-	-	-	-	1	1.4	-	-	-	-	-	-	82

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Line No.		Van Buren		Wapello		Warren	
		Number	Rate	Number	Rate	Number	Rate
1	Population - July 1 -	8,200	...	36,600	...	36,700	...
2	Live Births	93	11.3	484	13.2	499	13.6
3	Out of Wedlock	8	86.0	96	198.3	68	136.3
4	Congenital Malformations	2	21.5	25	51.7	15	30.1
5	Deaths from All Causes	118	14.4	459	12.5	272	7.4
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	-	-	2	4.1	2	4.0
8	Neonatal Deaths	1	10.8	4	8.3	1	2.0
9	Perinatal Deaths	1	10.8	6	12.4	3	6.0
10	Infant Deaths	1	10.8	6	12.4	1	2.0
11	Marriages	57	7.0	317	8.7	304	8.3
12	Dissolutions	26	3.2	157	4.3	128	3.5
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	3	36.6	4	10.9	4	10.9
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	22	268.3	110	300.5	73	198.9
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	-	-	2	5.5	1	2.7
20	Malignant Neoplasms of Digestive Organs and Peritoneum	4	48.8	28	76.5	10	27.2
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	6	73.2	30	82.0	28	76.3
22	Malignant Neoplasms of Breast	5	61.0	10	27.3	11	30.0
23	Malignant Neoplasms of Genital Organs	3	36.6	12	32.8	11	30.0
24	Malignant Neoplasms of Urinary Organs	1	12.2	3	8.2	1	2.7
25	Malignant Neoplasms of All Other and Unspecified Sites	-	-	15	41.0	5	13.6
26	Leukemia	2	24.4	3	8.2	1	2.7
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	1	12.2	7	19.1	5	13.6
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	1	12.2	2	5.5	1	2.7
29	Diabetes Mellitus	1	12.2	11	30.1	6	16.3
30	Anemias	1	12.2	1	2.7	-	-
31	Meningitis	-	-	1	2.7	-	-
32	Alzheimer's Disease	1	12.2	2	5.5	4	10.9
33	Major Cardiovascular Diseases	58	707.3	213	582.0	115	313.4
34	Diseases of Heart	44	536.6	169	461.7	94	256.1
35	Rheumatic Fever and Rheumatic Heart Disease	2	24.4	2	5.5	2	5.4
36	Hypertensive Heart Disease	1	12.2	7	19.1	2	5.4
37	Hypertensive Heart and Renal Disease	1	12.2	8	21.9	-	-
38	Ischemic Heart Disease	34	414.6	84	229.5	64	174.4
39	Acute Myocardial Infarction	17	207.3	40	109.3	22	59.9
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	-	-	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	17	207.3	44	120.2	42	114.4
43	Other Diseases of the Endocardium	-	-	4	10.9	1	2.7
44	All Other Forms of Heart Disease	6	73.2	64	174.9	25	68.1
45	Hypertension With or Without Renal Disease	1	12.2	1	2.7	-	-
46	Cerebrovascular Diseases	8	97.6	35	95.6	17	46.3
47	Intracerebral and Other Intracranial Hemorrhage	1	12.2	2	5.5	2	5.4
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	-	-	8	21.9	1	2.7
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	7	85.4	25	68.3	14	38.1
51	Arteriosclerosis	4	48.8	2	5.5	2	5.4
52	Other Diseases of Arteries, Arterioles, and Capillaries	1	12.2	6	16.4	2	5.4
53	Acute Bronchitis and Bronchiolitis	-	-	1	2.7	-	-
54	Pneumonia	3	36.6	20	54.6	16	43.6
55	Influenza	-	-	-	-	4	10.9
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	3	36.6	18	49.2	10	27.2
57	Bronchitis, Chronic and Unspecified	2	24.4	2	5.5	-	-
58	Emphysema	-	-	1	2.7	2	5.4
59	Asthma	-	-	2	5.5	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	1	12.2	13	35.5	8	21.8
61	Ulcer of the Stomach and Duodenum	-	-	2	5.5	-	-
62	Chronic Liver Disease and Cirrhosis	1	12.2	2	5.5	-	-
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	-	-	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	1	12.2	2	5.5	-	-
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	1	12.2	2	5.5	-	-
68	Infections of Kidney	-	-	1	2.7	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	-	-	1	2.7	1	2.7
72	Certain Conditions Originating in the Perinatal Period	2	24.4	3	8.2	1	2.7
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	2	24.4	3	8.2	1	2.7
75	Symptoms, Signs, and Ill-Defined Conditions	1	12.2	3	8.2	1	2.7
76	All Other Diseases	12	146.3	37	101.1	14	38.1
77	Accidents and Adverse Effects	7	85.4	21	57.4	15	40.9
78	Motor Vehicle Accidents	2	24.4	11	30.1	8	21.8
79	All Other Accidents and Adverse Effects	5	61.0	10	27.3	7	19.1
80	Suicides	1	12.2	4	10.9	6	16.3
81	Homicide and Legal Intervention	-	-	-	-	1	2.7
82	Other External Causes	-	-	-	-	-	-

Table 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1989

Washington		Wayne		Webster		Winnebago		Winneshiek		Woodbury		Worth		Wright		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
20,100	...	7,100	...	41,700	...	12,400	...	21,900	...	98,500	...	8,600	...	14,700	...	1
301	15.0	77	10.8	605	14.5	165	13.3	269	12.3	1,496	15.2	107	12.4	191	13.0	2
45	149.5	9	116.9	142	234.7	23	139.4	20	74.3	425	284.1	22	205.6	28	146.6	3
10	33.2	-	-	32	52.9	4	24.2	8	29.7	26	17.4	6	56.1	4	20.9	4
217	10.8	96	13.5	459	11.0	125	10.1	183	8.4	956	9.7	86	10.0	165	11.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
4	13.3	-	-	5	8.3	1	6.1	1	3.7	6	4.0	-	-	-	-	7
4	13.3	-	-	4	6.6	-	-	-	-	15	10.0	-	-	1	5.2	8
8	26.6	-	-	9	14.9	1	6.1	1	3.7	21	14.0	-	-	1	5.2	9
4	13.3	-	-	5	8.3	1	6.1	-	-	27	18.0	-	-	1	5.2	10
140	7.0	56	7.9	345	8.3	74	6.0	158	7.2	752	7.6	63	7.3	104	7.1	11
60	3.0	32	4.5	184	4.4	31	2.5	45	2.1	449	4.6	20	2.3	45	3.1	12
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
2	10.0	1	14.1	5	12.0	1	8.1	-	-	7	7.1	1	11.6	1	6.8	17
40	199.0	18	253.5	98	235.0	22	177.4	37	168.9	197	200.0	18	209.3	35	238.1	18
1	5.0	-	-	-	-	-	-	1	4.6	4	4.1	-	-	-	-	19
11	54.7	5	70.4	25	60.0	7	56.5	15	68.5	49	49.7	3	34.9	14	95.2	20
7	34.8	3	42.3	28	67.1	4	32.3	4	18.3	56	56.9	2	23.3	7	47.6	21
3	14.9	2	28.2	7	16.8	-	-	1	4.6	23	23.4	3	34.9	5	34.0	22
2	10.0	5	70.4	11	26.4	2	16.1	3	13.7	23	23.4	2	23.3	4	27.2	23
3	14.9	-	-	2	4.8	3	24.2	3	13.7	5	5.1	4	46.5	1	6.8	24
7	34.8	2	28.2	10	24.0	2	16.1	2	9.1	19	19.3	1	11.6	1	6.8	25
1	5.0	-	-	7	16.8	2	16.1	4	18.3	7	7.1	-	-	1	6.8	26
5	24.9	1	14.1	8	19.2	2	16.1	4	18.3	11	11.2	3	34.9	2	13.6	27
-	-	-	-	-	-	-	-	-	-	4	4.1	-	-	-	-	28
4	19.9	4	56.3	4	9.6	1	8.1	4	18.3	21	21.3	1	11.6	2	13.6	29
-	-	-	-	1	2.4	-	-	1	4.6	2	2.0	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	31
3	14.9	2	28.2	4	9.6	-	-	2	9.1	7	7.1	-	-	3	20.4	32
113	562.2	49	690.1	201	482.0	75	604.8	101	461.2	441	447.7	44	511.6	89	605.4	33
94	467.7	36	507.0	163	390.9	54	435.5	82	374.4	322	326.9	29	337.2	61	415.0	34
-	-	-	-	1	2.4	-	-	2	9.1	5	5.1	1	11.6	2	13.6	35
2	10.0	-	-	1	2.4	-	-	1	4.6	15	15.2	1	11.6	4	27.2	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
60	298.5	27	380.3	71	170.3	47	379.0	60	274.0	229	232.5	20	232.6	42	285.7	38
24	119.4	15	211.3	35	83.9	29	233.9	25	114.2	101	102.5	7	81.4	21	142.9	39
-	-	1	14.1	-	-	1	8.1	-	-	-	-	-	-	-	-	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
36	179.1	11	154.9	36	86.3	17	137.1	35	159.8	128	129.9	13	151.2	21	142.9	42
3	14.9	1	14.1	2	4.8	-	-	2	9.1	5	5.1	-	-	2	13.6	43
29	144.3	8	112.7	88	211.0	7	56.5	17	77.6	68	69.0	7	81.4	11	74.8	44
-	-	-	-	-	-	1	8.1	-	-	5	5.1	-	-	1	6.8	45
13	64.7	10	140.8	31	74.3	9	72.6	13	59.4	80	81.2	15	174.4	19	129.3	46
1	5.0	1	14.1	3	7.2	1	8.1	3	13.7	7	7.1	1	11.6	3	20.4	47
-	-	-	-	5	12.0	1	8.1	1	4.6	23	23.4	2	23.3	-	-	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
12	59.7	9	126.8	23	55.2	7	56.5	9	41.1	50	50.8	12	139.5	16	108.8	50
4	19.9	3	42.3	1	2.4	7	56.5	3	13.7	15	15.2	-	-	3	20.4	51
2	10.0	-	-	6	14.4	4	32.3	3	13.7	19	19.3	-	-	5	34.0	52
-	-	-	-	1	2.4	-	-	-	-	1	1.0	-	-	-	-	53
9	44.8	6	84.5	25	60.0	7	56.5	5	22.8	43	43.7	5	58.1	13	88.4	54
1	5.0	-	-	-	-	1	8.1	1	4.6	-	-	-	-	-	-	55
10	49.8	3	42.3	18	43.2	3	24.2	7	32.0	45	45.7	3	34.9	2	13.6	56
-	-	-	-	-	-	-	-	1	4.6	4	4.1	-	-	-	-	57
-	-	-	-	2	4.8	1	8.1	1	4.6	6	6.1	1	11.6	-	-	58
-	-	1	14.1	-	-	-	-	-	-	-	-	-	-	-	-	59
10	49.8	2	28.2	16	38.4	2	16.1	5	22.8	35	35.5	2	23.3	2	13.6	60
1	5.0	-	-	3	7.2	-	-	1	4.6	2	2.0	-	-	-	-	61
-	-	-	-	9	21.6	1	8.1	2	9.1	7	7.1	-	-	2	13.6	62
-	-	-	-	1	2.4	-	-	-	-	-	-	-	-	-	-	63
-	-	-	-	2	4.8	1	8.1	1	4.6	8	8.1	-	-	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	2	4.8	-	-	-	-	2	2.0	-	-	-	-	66
-	-	-	-	-	-	1	8.1	1	4.6	6	6.1	-	-	-	-	67
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	68
-	-	-	-	1	2.4	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
3	14.9	1	14.1	4	9.6	-	-	-	-	16	16.2	-	-	1	6.8	71
2	10.0	-	-	2	4.8	1	8.1	-	-	6	6.1	-	-	-	-	72
-	-	-	-	1	2.4	1	8.1	-	-	-	-	-	-	-	-	73
2	10.0	-	-	1	2.4	-	-	-	-	6	6.1	-	-	-	-	74
1	5.0	-	-	2	4.8	-	-	1	4.6	9	9.1	1	11.6	-	-	75
17	84.6	12	169.0	46	110.3	7	56.5	11	50.2	72	73.1	7	81.4	8	54.4	76
8	39.8	-	-	24	57.6	5	40.3	7	32.0	46	46.7	3	34.9	6	40.8	77
4	19.9	-	-	11	26.4	4	32.3	5	22.8	17	17.3	3	34.9	4	27.2	78
4	19.9	-	-	13	31.2	1	8.1	2	9.1	29	29.4	-	-	2	13.6	79
3	14.9	-	-	7	16.8	-	-	2	9.1	12	12.2	3	34.9	3	20.4	80
-	-	-	-	1	2.4	-	-	-	-	6	6.1	-	-	-	-	81
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	82

Table 6

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Line No.		Ames		Ankeny		Bettendorf	
		Number	Rate	Number	Rate	Number	Rate
1	Population - July 1	43,247	...	18,688	...	28,126	...
2	Live Births	497	11.5	342	18.3	309	11.0
3	Out of Wedlock	36	72.4	29	84.8	42	135.9
4	Congenital Malformations	8	16.1	7	20.5	3	9.7
5	Deaths from All Causes	176	4.1	81	4.3	180	6.4
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	2	4.0	2	5.8	1	3.2
8	Neonatal Deaths	1	2.0	2	5.8	-	-
9	Perinatal Deaths	3	6.0	4	11.7	1	3.2
10	Infant Deaths	1	2.0	3	8.8	1	3.2
11	Marriages	286	6.6	142	7.6	177	6.3
12	Dissolutions	...	...	...	...	...	...
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	*	6.9	1	5.4	2	7.1
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	49	113.3	22	117.7	42	149.3
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	1	2.3	-	-	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	9	20.8	4	21.4	14	49.8
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	12	27.7	5	26.8	12	42.7
22	Malignant Neoplasms of Breast	5	11.6	4	21.4	4	14.2
23	Malignant Neoplasms of Genital Organs	8	18.5	3	16.1	3	10.7
24	Malignant Neoplasms of Urinary Organs	2	4.6	-	-	2	7.1
25	Malignant Neoplasms of All Other and Unspecified Sites	8	18.5	3	16.1	5	17.8
26	Leukemia	2	4.6	-	-	2	7.1
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	2	4.6	3	16.1	-	-
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	2	4.6	-	-	-	-
29	Diabetes Mellitus	2	4.6	1	5.4	5	17.8
30	Anemias	-	-	-	-	-	-
31	Meningitis	-	-	-	-	1	3.6
32	Alzheimer's Disease	4	9.2	1	5.4	1	3.6
33	Major Cardiovascular Diseases	75	173.4	29	155.2	79	280.9
34	Diseases of Heart	60	138.7	24	128.4	58	206.2
35	Rheumatic Fever and Rheumatic Heart Disease	3	6.9	-	-	1	3.6
36	Hypertensive Heart Disease	4	9.2	-	-	2	7.1
37	Hypertensive Heart and Renal Disease	1	2.3	1	5.4	-	-
38	Ischemic Heart Disease	42	97.1	11	58.9	40	142.2
39	Acute Myocardial Infarction	14	32.4	5	26.8	29	103.1
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	-	-	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	28	64.7	6	32.1	11	39.1
43	Other Diseases of the Endocardium	1	2.3	-	-	1	3.6
44	All Other Forms of Heart Disease	9	20.8	12	64.2	14	49.8
45	Hypertension With or Without Renal Disease	-	-	1	5.4	-	-
46	Cerebrovascular Diseases	11	25.4	4	21.4	14	49.8
47	Intracerebral and Other Intracranial Hemorrhage	1	2.3	1	5.4	3	10.7
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	-	-	-	-	1	3.6
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	10	23.1	3	16.1	10	35.6
51	Arteriosclerosis	1	2.3	-	-	3	10.7
52	Other Diseases of Arteries, Arterioles, and Capillaries	3	6.9	-	-	4	14.2
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	8	18.5	1	5.4	4	14.2
55	Influenza	1	2.3	-	-	1	3.6
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	7	16.2	3	16.1	10	35.6
57	Bronchitis, Chronic and Unspecified	-	-	-	-	-	-
58	Emphysema	-	-	2	10.7	-	-
59	Asthma	1	2.3	-	-	1	3.6
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	6	13.9	1	5.4	9	32.0
61	Ulcer of the Stomach and Duodenum	1	2.3	-	-	1	3.6
62	Chronic Liver Disease and Cirrhosis	1	2.3	3	16.1	3	10.7
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	-	-	1	3.6
64	Nephritis, Nephrotic Syndrome, and Nephrosis	1	2.3	-	-	1	3.6
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	1	2.3	-	-	1	3.6
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	-	-	-	-	-	-
72	Certain Conditions Originating in the Perinatal Period	1	2.3	1	5.4	-	-
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	1	2.3	1	5.4	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	1	2.3	1	5.4	1	3.6
76	All Other Diseases	12	27.7	9	48.2	15	53.3
77	Accidents and Adverse Effects	4	9.2	7	37.5	9	32.0
78	Motor Vehicle Accidents	-	-	5	26.8	7	24.9
79	All Other Accidents and Adverse Effects	4	9.2	2	10.7	2	7.1
80	Suicides	3	6.9	2	10.7	3	10.7
81	Homicide and Legal Intervention	-	-	-	-	1	3.6
82	Other External Causes	1	2.3	-	-	-	-

Population data are Iowa State Department of Health estimates

Table 6 (continued)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Boone		Burlington		Carroll		Cedar Falls		Cedar Rapids		Clinton		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
12,122	...	27,378	...	9,602	...	33,292	...	106,332	...	29,299	...	1
172	14.2	394	14.4	122	12.7	339	10.2	1,719	16.2	400	13.7	2
33	191.9	136	345.2	18	147.5	56	165.2	403	234.4	106	265.0	3
6	34.9	7	17.8	6	49.2	5	14.7	29	16.9	16	40.0	4
164	13.5	335	12.2	93	9.7	253	7.6	909	8.5	361	12.3	5
-	-	-	-	-	-	-	-	-	-	-	-	6
2	11.6	3	7.6	-	-	3	8.8	7	4.1	2	5.0	7
2	11.6	-	-	-	-	1	2.9	5	2.9	2	5.0	8
4	23.3	3	7.6	-	-	4	11.8	12	7.0	4	10.0	9
2	11.6	1	2.5	-	-	2	5.9	9	5.2	2	5.0	10
124	10.2	490	17.9	84	8.7	243	7.3	1,130	10.6	445	15.2	11
...	...	...	...	...	...	...	...	...	...	...	...	12
-	-	3	11.0	-	-	-	-	-	-	-	-	13
-	-	2	7.3	-	-	-	-	-	-	-	-	14
-	-	1	3.7	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	16
4	33.0	7	25.6	-	-	4	12.0	10	9.4	6	20.5	17
40	330.0	76	277.6	23	239.5	59	177.2	216	203.1	67	228.7	18
-	-	2	7.3	-	-	1	3.0	6	5.6	3	10.2	19
14	115.5	18	65.7	7	72.9	12	36.0	43	40.4	21	71.7	20
12	99.0	14	51.1	7	72.9	12	36.0	70	65.8	17	58.0	21
2	16.5	5	18.3	2	20.8	7	21.0	27	25.4	6	20.5	22
6	49.5	7	25.6	2	20.8	10	30.0	23	21.6	5	17.1	23
1	8.2	5	18.3	1	10.4	3	9.0	12	11.3	1	3.4	24
1	8.2	11	40.2	2	20.8	6	18.0	19	17.9	8	27.3	25
2	16.5	9	32.9	1	10.4	2	6.0	7	6.6	1	3.4	26
2	16.5	5	18.3	1	10.4	6	18.0	9	8.5	5	17.1	27
-	-	1	3.7	-	-	-	-	-	-	-	-	28
2	16.5	10	36.5	2	20.8	2	6.0	24	22.6	7	23.9	29
-	-	-	-	-	-	-	-	1	0.9	3	10.2	30
-	-	-	-	-	-	-	-	1	0.9	-	-	31
4	33.0	3	11.0	2	20.8	1	3.0	6	5.6	3	10.2	32
75	618.7	152	555.2	40	416.6	113	339.4	389	365.8	179	610.9	33
50	412.5	113	412.7	32	333.3	93	279.3	286	269.0	136	464.2	34
-	-	1	3.7	-	-	-	-	3	2.8	2	6.8	35
-	-	-	-	-	-	-	-	19	17.9	2	6.8	36
-	-	-	-	-	-	-	-	1	0.9	1	3.4	37
35	288.7	79	288.6	22	229.1	75	225.3	180	169.3	79	269.6	38
16	132.0	35	127.8	15	156.2	39	117.1	66	62.1	39	133.1	39
-	-	-	-	-	-	-	-	-	-	-	-	40
-	-	1	3.7	-	-	-	-	-	-	1	3.4	41
19	156.7	43	157.1	7	72.9	36	108.1	114	107.2	39	133.1	42
2	16.5	4	14.6	2	20.8	-	-	11	10.3	3	10.2	43
13	107.2	29	105.9	8	83.3	18	54.1	72	67.7	49	167.2	44
1	8.2	-	-	-	-	-	-	5	4.7	-	-	45
19	156.7	35	127.8	5	52.1	18	54.1	79	74.3	34	116.0	46
-	-	4	14.6	-	-	4	12.0	7	6.6	4	13.7	47
8	66.0	4	14.6	1	10.4	3	9.0	8	7.5	-	-	48
3	24.7	-	-	-	-	1	3.0	1	0.9	-	-	49
8	66.0	27	98.6	4	41.7	10	30.0	63	59.2	30	102.4	50
3	24.7	2	7.3	2	20.8	1	3.0	11	10.3	4	13.7	51
2	16.5	2	7.3	1	10.4	1	3.0	8	7.5	5	17.1	52
-	-	-	-	-	-	-	-	-	-	-	-	53
9	74.2	17	62.1	6	62.5	14	42.1	30	28.2	10	34.1	54
-	-	1	3.7	1	10.4	1	3.0	6	5.6	-	-	55
6	49.5	10	36.5	7	72.9	13	39.0	56	52.7	20	68.3	56
-	-	-	-	-	-	-	-	-	-	3	10.2	57
-	-	2	7.3	-	-	3	9.0	4	3.8	3	10.2	58
-	-	-	-	1	10.4	1	3.0	2	1.9	1	3.4	59
6	49.5	8	29.2	6	62.5	9	27.0	50	47.0	13	44.4	60
-	-	-	-	-	-	-	-	4	3.8	1	3.4	61
-	-	3	11.0	1	10.4	1	3.0	9	8.5	3	10.2	62
1	8.2	1	3.7	-	-	-	-	4	3.8	-	-	63
-	-	1	3.7	-	-	3	9.0	4	3.8	6	20.5	64
-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	2	6.0	2	1.9	-	-	66
-	-	1	3.7	-	-	1	3.0	2	1.9	6	20.5	67
-	-	-	-	-	-	-	-	1	0.9	-	-	68
-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	70
1	8.2	1	3.7	-	-	2	6.0	1	0.9	-	-	71
1	8.2	-	-	-	-	1	3.0	4	3.8	2	6.8	72
-	-	-	-	-	-	-	-	2	1.9	-	-	73
1	8.2	-	-	-	-	1	3.0	2	1.9	2	6.8	74
-	-	1	3.7	-	-	3	9.0	5	4.7	4	13.7	75
13	107.2	31	113.2	8	83.3	26	78.1	83	78.1	31	105.8	76
7	57.7	13	47.5	3	31.2	3	9.0	37	34.8	16	54.6	77
2	16.5	3	11.0	-	-	-	-	18	16.9	7	23.9	78
5	41.2	10	36.5	3	31.2	3	9.0	19	17.9	9	30.7	79
1	8.2	3	11.0	-	-	6	18.0	12	11.3	1	3.4	80
-	-	1	3.7	-	-	1	3.0	4	3.8	1	3.4	81
-	-	-	-	-	-	-	-	2	1.9	1	3.4	82

Table 6

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Line No.		Council Bluffs Number	Council Bluffs Rate	Davenport Number	Davenport Rate	Des Moines Number	Des Moines Rate
1	Population - July 1	55,959	...	96,271	...	192,123	...
2	Live Births	882	15.8	1,643	17.1	3,860	20.1
3	Out of Wedlock	255	289.1	610	371.3	1,145	296.6
4	Congenital Malformations	17	19.3	30	18.3	114	29.5
5	Deaths from All Causes	528	9.4	892	9.3	1,850	9.6
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	5	5.7	15	9.1	31	8.0
8	Neonatal Deaths	4	4.5	10	6.1	36	9.3
9	Perinatal Deaths	9	10.2	25	15.2	67	17.4
10	Infant Deaths	8	9.1	20	12.2	48	12.4
11	Marriages	788	14.1	1,355	14.1	2,323	12.1
12	Dissolutions	...	...	...	...	...	...
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	1	0.5
14	Tuberculosis of Respiratory System	-	-	-	-	1	0.5
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	4	7.1	9	9.3	22	11.5
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	120	214.4	200	207.7	444	231.1
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	2	3.6	4	4.2	8	4.2
20	Malignant Neoplasms of Digestive Organs and Peritoneum	24	42.9	51	53.0	118	61.4
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	46	82.2	62	64.4	151	78.6
22	Malignant Neoplasms of Breast	9	16.1	18	18.7	38	19.8
23	Malignant Neoplasms of Genital Organs	6	10.7	18	18.7	47	24.5
24	Malignant Neoplasms of Urinary Organs	6	10.7	10	10.4	14	7.3
25	Malignant Neoplasms of All Other and Unspecified Sites	12	21.4	24	24.9	32	16.7
26	Leukemia	4	7.1	2	2.1	22	11.5
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	11	19.7	11	11.4	14	7.3
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	3	5.4	2	2.1	4	2.1
29	Diabetes Mellitus	11	19.7	18	18.7	35	18.2
30	Anemias	-	-	-	-	4	2.1
31	Meningitis	-	-	1	1.0	1	0.5
32	Alzheimer's Disease	2	3.6	11	11.4	15	7.8
33	Major Cardiovascular Diseases	245	437.8	393	408.2	801	416.9
34	Diseases of Heart	204	364.6	271	281.5	642	334.2
35	Rheumatic Fever and Rheumatic Heart Disease	3	5.4	4	4.2	13	6.8
36	Hypertensive Heart Disease	6	10.7	17	17.7	25	13.0
37	Hypertensive Heart and Renal Disease	1	1.8	2	2.1	1	0.5
38	Ischemic Heart Disease	119	212.7	189	196.3	287	149.4
39	Acute Myocardial Infarction	43	76.8	91	94.5	155	80.7
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	2	1.0
41	Angina Pectoris	1	1.8	-	-	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	75	134.0	98	101.8	130	67.7
43	Other Diseases of the Endocardium	2	3.6	6	6.2	7	3.6
44	All Other Forms of Heart Disease	73	130.5	53	55.1	309	160.8
45	Hypertension With or Without Renal Disease	2	3.6	3	3.1	9	4.7
46	Cerebrovascular Diseases	31	55.4	73	75.8	115	59.9
47	Intracerebral and Other Intracranial Hemorrhage	5	8.9	6	6.2	15	7.8
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	5	8.9	8	8.3	13	6.8
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	21	37.5	59	61.3	87	45.3
51	Arteriosclerosis	2	3.6	34	35.3	10	5.2
52	Other Diseases of Arteries, Arterioles, and Capillaries	6	10.7	12	12.5	25	13.0
53	Acute Bronchitis and Bronchiolitis	1	1.8	-	-	2	1.0
54	Pneumonia	15	26.8	24	24.9	57	29.7
55	Influenza	1	1.8	-	-	3	1.6
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	27	48.2	58	60.2	72	37.5
57	Bronchitis, Chronic and Unspecified	1	1.8	2	2.1	5	2.6
58	Emphysema	5	8.9	6	6.2	11	5.7
59	Asthma	1	1.8	1	1.0	7	3.6
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	20	35.7	49	50.9	49	25.5
61	Ulcer of the Stomach and Duodenum	3	5.4	7	7.3	5	2.6
62	Chronic Liver Disease and Cirrhosis	5	8.9	9	9.3	27	14.1
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	1	1.0	4	2.1
64	Nephritis, Nephrotic Syndrome, and Nephrosis	2	3.6	4	4.2	20	10.4
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	1	0.5
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	2	2.1	2	1.0
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	2	3.6	2	2.1	17	8.8
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	3	5.4	6	6.2	18	9.4
72	Certain Conditions Originating in the Perinatal Period	1	1.8	12	12.5	24	12.5
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	1	1.0	7	3.6
74	Other Conditions Originating in the Perinatal Period	1	1.8	11	11.4	17	8.8
75	Symptoms, Signs, and Ill-Defined Conditions	5	8.9	11	11.4	15	7.8
76	All Other Diseases	42	75.1	82	85.2	148	77.0
77	Accidents and Adverse Effects	27	48.2	31	32.2	88	45.8
78	Motor Vehicle Accidents	12	21.4	10	10.4	31	16.1
79	All Other Accidents and Adverse Effects	15	26.8	21	21.8	57	29.7
80	Suicides	9	16.1	10	10.4	25	13.0
81	Homicide and Legal Intervention	1	1.8	3	3.1	13	6.8
82	Other External Causes	1	1.8	-	-	2	1.0

Table 6 (continued)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Dubuque		Fort Dodge		Fort Madison		Indianola		Iowa City		Keokuk		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
59,052	...	26,382	...	11,979	...	11,980	...	50,300	...	12,549	...	1
834	14.1	407	15.4	122	10.2	150	12.5	718	14.3	182	14.5	2
184	220.6	106	260.4	40	327.9	28	186.7	78	108.6	81	445.1	3
14	16.8	20	49.1	6	49.2	4	26.7	19	26.5	9	49.5	4
670	11.3	338	12.8	157	13.1	124	10.4	270	5.4	152	12.1	5
-	-	-	-	-	-	-	-	-	-	-	-	6
5	6.0	3	7.4	2	16.4	-	-	2	2.8	3	16.5	7
3	3.6	1	2.5	1	8.2	-	-	2	2.8	2	11.0	8
8	9.6	4	9.8	3	24.6	-	-	4	5.6	5	27.5	9
5	6.0	2	4.9	2	16.4	-	-	7	9.7	2	11.0	10
743	12.6	270	10.2	160	13.4	123	10.3	602	12.0	237	18.9	11
...	...	...	...	...	...	...	...	...	...	...	...	12
-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	16
4	6.8	4	15.2	2	16.7	3	25.0	6	11.9	1	8.0	17
174	294.7	70	265.3	39	325.6	32	267.1	68	135.2	46	366.6	18
2	3.4	-	-	-	-	1	8.3	1	2.0	3	23.9	19
50	84.7	17	64.4	11	91.8	4	33.4	24	47.7	13	103.6	20
54	91.4	19	72.0	8	66.8	12	100.2	17	33.8	9	71.7	21
16	27.1	6	22.7	7	58.4	6	50.1	5	9.9	4	31.9	22
8	13.5	7	26.5	7	58.4	3	25.0	7	13.9	5	39.8	23
13	22.0	1	3.8	-	-	-	-	3	6.0	-	-	24
9	15.2	7	26.5	3	25.0	3	25.0	6	11.9	5	39.8	25
12	20.3	6	22.7	1	8.3	1	8.3	1	2.0	4	31.9	26
10	16.9	7	26.5	2	16.7	2	16.7	4	8.0	3	23.9	27
5	8.5	-	-	-	-	1	8.3	-	-	1	8.0	28
9	15.2	3	11.4	1	8.3	2	16.7	2	4.0	3	23.9	29
3	5.1	1	3.8	-	-	-	-	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	31
8	13.5	2	7.6	-	-	4	33.4	5	9.9	3	23.9	32
311	526.7	147	557.2	75	626.1	50	417.4	111	220.7	51	406.4	33
236	399.6	117	443.5	66	551.0	39	325.5	83	165.0	42	334.7	34
2	3.4	1	3.8	-	-	-	-	5	9.9	-	-	35
2	3.4	1	3.8	2	16.7	-	-	2	4.0	-	-	36
-	-	-	-	1	8.3	-	-	2	4.0	-	-	37
147	248.9	54	204.7	42	350.6	24	200.3	63	125.2	23	183.3	38
56	94.8	29	109.9	19	158.6	5	41.7	34	67.6	11	87.7	39
-	-	-	-	-	-	-	-	-	-	-	-	40
4	6.8	-	-	-	-	-	-	-	-	-	-	41
87	147.3	25	94.8	23	192.0	19	158.6	29	57.7	12	95.6	42
4	6.8	2	7.6	-	-	-	-	-	-	2	15.9	43
81	137.2	59	223.6	21	175.3	15	125.2	11	21.9	17	135.5	44
2	3.4	-	-	-	-	-	-	2	4.0	-	-	45
53	89.8	26	98.6	7	58.4	8	66.8	23	45.7	9	71.7	46
7	11.9	3	11.4	2	16.7	2	16.7	2	4.0	2	15.9	47
3	5.1	4	15.2	-	-	-	-	1	2.0	-	-	48
-	-	-	-	-	-	-	-	1	2.0	-	-	49
43	72.8	19	72.0	5	41.7	6	50.1	19	37.8	7	55.8	50
12	20.3	1	3.8	2	16.7	1	8.3	2	4.0	-	-	51
8	13.5	3	11.4	-	-	2	16.7	1	2.0	-	-	52
-	-	1	3.8	-	-	-	-	-	-	-	-	53
36	61.0	22	83.4	11	91.8	10	83.5	8	15.9	10	79.7	54
-	-	-	-	-	-	3	25.0	-	-	-	-	55
24	40.6	16	60.6	5	41.7	4	33.4	12	23.9	12	95.6	56
-	-	-	-	1	8.3	-	-	-	-	-	-	57
10	16.9	2	7.6	1	8.3	-	-	6	11.9	1	8.0	58
1	1.7	-	-	-	-	-	-	-	-	1	8.0	59
13	22.0	14	53.1	3	25.0	4	33.4	6	11.9	10	79.7	60
1	1.7	3	11.4	-	-	-	-	2	4.0	-	-	61
3	5.1	5	19.0	1	8.3	-	-	2	4.0	1	8.0	62
-	-	1	3.8	-	-	-	-	1	2.0	1	8.0	63
2	3.4	1	3.8	4	33.4	-	-	1	2.0	2	15.9	64
-	-	-	-	-	-	-	-	-	-	-	-	65
1	1.7	1	3.8	-	-	-	-	-	-	-	-	66
1	1.7	-	-	4	33.4	-	-	1	2.0	2	15.9	67
-	-	-	-	1	8.3	-	-	-	-	-	-	68
-	-	1	3.8	-	-	-	-	1	2.0	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	70
-	-	2	7.6	1	8.3	1	8.3	1	2.0	-	-	71
2	3.4	1	3.8	-	-	-	-	2	4.0	2	15.9	72
-	-	-	-	-	-	-	-	-	-	-	-	73
2	3.4	1	3.8	-	-	-	-	2	4.0	2	15.9	74
5	8.5	2	7.6	-	-	1	8.3	5	9.9	1	8.0	75
59	99.9	34	128.9	7	58.4	5	41.7	31	61.6	17	135.5	76
20	33.9	19	72.0	9	75.1	6	50.1	10	19.9	-	-	77
11	18.6	8	30.3	7	58.4	2	16.7	6	11.9	-	-	78
9	15.2	11	41.7	2	16.7	4	33.4	4	8.0	-	-	79
4	6.8	2	7.6	1	8.3	2	16.7	2	4.0	-	-	80
-	-	1	3.8	-	-	-	-	-	-	1	8.0	81
-	-	-	-	-	-	-	-	-	-	-	-	82

Table 6

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Line No.		Marion Number	Marion Rate	Marshalltown Number	Marshalltown Rate	Mason City Number	Mason City Rate
1	Population - July 1	21,098	...	25,382	...	29,774	...
2	Live Births	301	14.3	328	12.9	430	14.4
3	Out of Wedlock	42	139.5	74	225.6	107	248.8
4	Congenital Malformations	11	36.5	9	27.4	21	48.8
5	Deaths from All Causes	178	8.4	377	14.9	303	10.2
6	Maternal Deaths	-	-	-	-	-	-
7	Fetal Deaths	1	3.3	1	3.0	1	2.3
8	Neonatal Deaths	3	10.0	1	3.0	-	-
9	Perinatal Deaths	4	13.3	2	6.1	1	2.3
10	Infant Deaths	5	16.6	2	6.1	-	-
11	Marriages	168	8.0	259	10.2	245	8.2
12	Dissolutions	...	...	...	...	...	...
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	-	-	7	27.6	1	3.4
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	48	227.5	98	386.1	72	241.8
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	1	4.7	5	19.7	1	3.4
20	Malignant Neoplasms of Digestive Organs and Peritoneum	8	37.9	23	90.6	14	47.0
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	11	52.1	27	106.4	20	67.2
22	Malignant Neoplasms of Breast	6	28.4	5	19.7	9	30.2
23	Malignant Neoplasms of Genital Organs	8	37.9	15	59.1	11	36.9
24	Malignant Neoplasms of Urinary Organs	1	4.7	3	11.8	3	10.1
25	Malignant Neoplasms of All Other and Unspecified Sites	10	47.4	10	39.4	9	30.2
26	Leukemia	1	4.7	4	15.8	3	10.1
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	2	9.5	6	23.6	2	6.7
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	1	3.9	-	-
29	Diabetes Mellitus	5	23.7	7	27.6	3	10.1
30	Anemias	-	-	1	3.9	-	-
31	Meningitis	-	-	-	-	-	-
32	Alzheimer's Disease	1	4.7	2	7.9	4	13.4
33	Major Cardiovascular Diseases	69	327.0	165	650.1	158	530.7
34	Diseases of Heart	55	260.7	114	449.1	118	396.3
35	Rheumatic Fever and Rheumatic Heart Disease	-	-	1	3.9	1	3.4
36	Hypertensive Heart Disease	2	9.5	8	31.5	3	10.1
37	Hypertensive Heart and Renal Disease	-	-	-	-	-	-
38	Ischemic Heart Disease	35	165.9	56	220.6	90	302 3
39	Acute Myocardial Infarction	11	52.1	31	122.1	46	154.5
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	-	-	-	-
41	Angina Pectoris	-	-	1	3.9	-	-
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	24	113.8	24	94.6	44	147.8
43	Other Diseases of the Endocardium	1	4.7	4	15.8	2	6.7
44	All Other Forms of Heart Disease	17	80.6	45	177.3	22	73.9
45	Hypertension With or Without Renal Disease	-	-	1	3.9	-	-
46	Cerebrovascular Diseases	11	52.1	38	149.7	35	117.6
47	Intracerebral and Other Intracranial Hemorrhage	2	9.5	-	-	5	16.8
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	-	-	7	27.6	2	6.7
49	Cerebral Embolism	-	-	1	3.9	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	9	42.7	30	118.2	28	94.0
51	Arteriosclerosis	3	14.2	8	31.5	2	6.7
52	Other Diseases of Arteries, Arterioles, and Capillaries	-	-	4	15.8	3	10.1
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	2	9.5	16	63.0	14	47.0
55	Influenza	-	-	-	-	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	8	37.9	16	63.0	14	47.0
57	Bronchitis, Chronic and Unspecified	-	-	2	7.9	3	10.1
58	Emphysema	-	-	1	3.9	3	10.1
59	Asthma	-	-	-	-	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	8	37.9	13	51.2	8	26.9
61	Ulcer of the Stomach and Duodenum	-	-	-	-	3	10.1
62	Chronic Liver Disease and Cirrhosis	1	4.7	3	11.8	-	-
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	1	3.9	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	1	4.7	1	3.9	1	3.4
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	-	-
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	1	4.7	1	3.9	1	3.4
68	Infections of Kidney	1	4.7	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	-	-
71	Congenital Anomalies	2	9.5	-	-	-	-
72	Certain Conditions Originating in the Perinatal Period	1	4.7	1	3.9	-	-
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Oth . Conditions Originating in the Perinatal Period	1	4.7	1	3.9	-	-
75	Symptoms, Signs, and Ill-Defined Conditions	2	9.5	5	19.7	2	6.7
76	All Other Diseases	30	142.2	39	153.7	22	73.9
77	Accidents and Adverse Effects	2	9.5	12	47.3	6	20.2
78	Motor Vehicle Accidents	1	4.7	6	23.6	4	13.4
79	All Other Accidents and Adverse Effects	1	4.7	6	23.6	2	6.7
80	Suicides	4	19.0	1	3.9	3	10.1
81	Homicide and Legal Intervention	-	-	1	3.9	-	-
82	Other External Causes	1	4.7	-	-	-	-

Table 6 (continued)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Muscatine		Newton		Oskaloosa		Ottumwa		Sioux City		Spencer		Line
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	No.
23,263	...	14,764	...	10,755	...	24,176	...	78,936	...	10,707	...	1
400	17.2	191	12.9	157	14.6	348	14.4	1,272	16.1	155	14.5	2
98	245.0	32	167.5	39	248.4	76	218.4	387	304.2	26	167.7	3
6	15.0	2	10.5	4	25.5	16	46.0	22	17.3	3	19.4	4
232	10.0	170	11.5	163	15.2	349	14.4	802	10.2	134	12.5	5
-	-	-	-	-	-	-	-	-	-	-	-	6
1	2.5	1	5.2	1	6.4	2	5.7	5	3.9	2	12.9	7
2	5.0	-	-	2	12.7	4	11.5	13	10.2	-	-	8
3	7.5	1	5.2	3	19.1	6	17.2	18	14.2	2	12.9	9
2	5.0	-	-	2	12.7	5	14.4	22	17.3	1	6.5	10
330	14.2	173	11.7	143	13.3	267	11.0	643	8.1	97	9.1	11
...	...	...	...	...	...	...	...	...	...	...	...	12
-	-	1	6.8	-	-	-	-	1	1.3	-	-	13
-	-	-	-	-	-	-	-	1	1.3	-	-	14
-	-	1	6.8	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	16
2	8.6	1	6.8	-	-	3	12.4	6	7.6	4	37.4	17
57	245.0	42	284.5	39	362.6	80	330.9	168	212.8	29	270.9	18
1	4.3	-	-	1	9.3	2	8.3	4	5.1	-	-	19
21	90.3	7	47.4	6	55.8	21	86.9	44	55.7	8	74.7	20
12	51.6	12	81.3	11	102.3	24	99.3	47	59.5	5	46.7	21
3	12.9	3	20.3	7	65.1	6	24.8	18	22.8	4	37.4	22
10	43.0	8	54.2	7	65.1	9	37.2	19	24.1	5	46.7	23
1	4.3	4	27.1	3	27.9	1	4.1	3	3.8	2	18.7	24
4	17.2	5	33.9	2	18.6	9	37.2	16	20.3	1	9.3	25
1	4.3	1	6.8	-	-	2	8.3	6	7.6	2	18.7	26
4	17.2	2	13.5	2	18.6	6	24.8	11	13.9	2	18.7	27
-	-	1	6.8	1	9.3	2	8.3	3	3.8	1	9.3	28
6	25.8	4	27.1	-	-	9	37.2	17	21.5	4	37.4	29
1	4.3	1	6.8	-	-	1	4.1	2	2.5	1	9.3	30
1	4.3	-	-	-	-	1	4.1	1	1.3	-	-	31
1	4.3	1	6.8	2	18.6	-	-	5	6.3	2	18.7	32
100	429.9	75	508.0	75	697.4	165	682.5	368	466.2	71	663.1	33
73	313.8	57	386.1	48	446.3	133	550.1	277	350.9	51	476.3	34
1	4.3	-	-	-	-	2	8.3	5	6.3	-	-	35
-	-	1	6.8	-	-	5	20.7	14	17.7	-	-	36
-	-	-	-	-	-	7	29.0	-	-	-	-	37
47	202.0	46	311.6	39	362.6	63	260.6	197	249.6	42	392.3	38
37	159.1	27	182.9	16	148.8	29	120.0	85	107.7	18	168.1	39
-	-	-	-	-	-	-	-	-	-	-	-	40
-	-	-	-	-	-	-	-	-	-	-	-	41
10	43.0	19	128.7	23	213.9	34	140.6	112	141.9	24	224.2	42
2	8.6	-	-	-	-	4	16.5	4	5.1	2	18.7	43
23	98.9	10	67.7	9	83.7	52	215.1	57	72.2	7	65.4	44
2	8.6	-	-	-	-	1	4.1	5	6.3	-	-	45
20	86.0	10	67.7	20	186.0	27	111.7	57	72.2	17	158.8	46
2	8.6	1	6.8	-	-	2	8.3	5	6.3	-	-	47
-	-	6	40.6	1	9.3	6	24.8	21	26.6	-	-	48
-	-	-	-	-	-	-	-	-	-	-	-	49
18	77.4	3	20.3	19	176.7	19	78.6	31	39.3	17	158.8	50
1	4.3	7	47.4	3	27.9	-	-	13	16.5	2	18.7	51
4	17.2	1	6.8	4	37.2	4	16.5	16	20.3	1	9.3	52
-	-	-	-	-	-	1	4.1	-	-	-	-	53
17	73.1	14	94.8	11	102.3	16	66.2	37	46.9	2	18.7	54
-	-	1	6.8	2	18.6	-	-	-	-	-	-	55
7	30.1	7	47.4	9	83.7	15	62.0	36	45.6	3	28.0	56
-	-	-	-	1	9.3	2	8.3	3	3.8	1	9.3	57
-	-	2	13.5	3	27.9	1	4.1	4	5.1	-	-	58
1	4.3	2	13.5	-	-	2	8.3	-	-	-	-	59
6	25.8	3	20.3	5	46.5	10	41.4	29	36.7	2	18.7	60
-	-	-	-	1	9.3	2	8.3	2	2.5	-	-	61
-	-	-	-	1	9.3	-	-	7	8.9	1	9.3	62
1	4.3	-	-	-	-	-	-	-	-	-	-	63
1	4.3	-	-	1	9.3	2	8.3	7	8.9	1	9.3	64
1	4.3	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	2	2.5	-	-	66
-	-	-	-	1	9.3	2	8.3	5	6.3	1	9.3	67
2	8.6	-	-	-	-	1	4.1	1	1.3	1	9.3	68
-	-	-	-	-	-	-	-	-	-	-	-	69
-	-	-	-	-	-	-	-	-	-	-	-	70
1	4.3	-	-	2	18.6	1	4.1	12	15.2	-	-	71
1	4.3	-	-	-	-	3	12.4	6	7.6	-	-	72
-	-	-	-	-	-	-	-	-	-	-	-	73
1	4.3	-	-	-	-	3	12.4	6	7.6	-	-	74
-	-	1	6.8	1	9.3	2	8.3	8	10.1	3	28.0	75
22	94.6	15	101.6	10	93.0	31	128.2	58	73.5	11	102.7	76
11	47.3	5	33.9	6	55.8	12	49.6	41	51.9	-	-	77
9	38.7	3	20.3	3	27.9	8	33.1	14	17.7	-	-	78
2	8.6	2	13.5	3	27.9	4	16.5	27	34.2	-	-	79
1	4.3	1	6.8	2	18.6	2	8.3	9	11.4	-	-	80
-	-	-	-	-	-	-	-	6	7.6	-	-	81
-	-	-	-	-	-	-	-	1	1.3	-	-	82

Table 6

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1989

Line No.		Urbandale Number	Urbandale Rate	Waterloo Number	Waterloo Rate	West Des Moines Number	West Des Moines Rate
1	Population - July 1	20,822	...	68,058	...	25,735	...
2	Live Births	232	11.1	1,038	15.3	450	17.5
3	Out of Wedlock	13	56.0	367	353.6	36	80.0
4	Congenital Malformations	9	38.8	20	19.3	15	33.3
5	Deaths from All Causes	87	4.2	686	10.1	216	8.4
6	Maternal Deaths	-	-	-	-	1	22.2
7	Fetal Deaths	1	4.3	10	9.6	1	2.2
8	Neonatal Deaths	1	4.3	4	3.9	1	2.2
9	Perinatal Deaths	2	8.6	14	13.5	2	4.4
10	Infant Deaths	1	4.3	10	9.6	2	4.4
11	Marriages	116	5.6	708	10.4	163	6.3
12	Dissolutions	...	...	...	...	...	...
	-- List of 70 Selected Causes of Death --						
13	Tuberculosis, All Forms	-	-	-	-	-	-
14	Tuberculosis of Respiratory System	-	-	-	-	-	-
15	Other Tuberculosis	-	-	-	-	-	-
16	Syphilis	-	-	-	-	-	-
17	Other Infective and Parasitic Diseases	1	4.8	6	8.8	4	15.5
18	Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	18	86.4	181	265.9	54	209.8
19	Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	-	-	3	4.4	-	-
20	Malignant Neoplasms of Digestive Organs and Peritoneum	5	24.0	48	70.5	17	66.1
21	Malignant Neoplasms of Respiratory and Intrathoracic Organs	7	33.6	46	67.6	8	31.1
22	Malignant Neoplasms of Breast	1	4.8	15	22.0	7	27.2
23	Malignant Neoplasms of Genital Organs	2	9.6	20	29.4	9	35.0
24	Malignant Neoplasms of Urinary Organs	-	-	17	25.0	5	19.4
25	Malignant Neoplasms of All Other and Unspecified Sites	2	9.6	17	25.0	6	23.3
26	Leukemia	-	-	7	10.3	2	7.8
27	Other Neoplasms of Lymphatic and Hematopoietic Tissues	1	4.8	8	11.8	-	-
28	Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	-	-	2	2.9	-	-
29	Diabetes Mellitus	3	14.4	15	22.0	7	27.2
30	Anemias	-	-	-	-	-	-
31	Meningitis	1	4.8	-	-	-	-
32	Alzheimer's Disease	1	4.8	4	5.9	4	15.5
33	Major Cardiovascular Diseases	38	182.5	326	479.0	90	349.7
34	Diseases of Heart	25	120.1	233	342.4	69	268.1
35	Rheumatic Fever and Rheumatic Heart Disease	1	4.8	2	2.9	1	3.9
36	Hypertensive Heart Disease	-	-	6	8.8	4	15.5
37	Hypertensive Heart and Renal Disease	-	-	3	4.4	-	-
38	Ischemic Heart Disease	11	52.8	159	233.6	33	128.2
39	Acute Myocardial Infarction	9	43.2	86	126.4	19	73.8
40	Other Acute and Subacute Forms of Ischemic Heart Disease	-	-	1	1.5	-	-
41	Angina Pectoris	-	-	-	-	1	3.9
42	Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Disease	2	9.6	72	105.8	13	50.5
43	Other Diseases of the Endocardium	1	4.8	6	8.8	2	7.8
44	All Other Forms of Heart Disease	12	57.6	57	83.8	29	112.7
45	Hypertension With or Without Renal Disease	-	-	3	4.4	2	7.8
46	Cerebrovascular Diseases	8	38.4	65	95.5	15	58.3
47	Intracerebral and Other Intracranial Hemorrhage	1	4.8	3	4.4	1	3.9
48	Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	2	9.6	10	14.7	3	11.7
49	Cerebral Embolism	-	-	-	-	-	-
50	All Other and Late Effects of Cerebrovascular Diseases	5	24.0	52	76.4	11	42.7
51	Arteriosclerosis	2	9.6	8	11.8	2	7.8
52	Other Diseases of Arteries, Arterioles, and Capillaries	3	14.4	17	25.0	2	7.8
53	Acute Bronchitis and Bronchiolitis	-	-	-	-	-	-
54	Pneumonia	5	24.0	14	20.6	12	46.6
55	Influenza	-	-	1	1.5	-	-
56	Chronic Obstructive Pulmonary Diseases and Allied Conditions	8	38.4	30	44.1	13	50.5
57	Bronchitis, Chronic and Unspecified	-	-	1	1.5	1	3.9
58	Emphysema	5	24.0	6	8.8	4	15.5
59	Asthma	-	-	-	-	-	-
60	Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	3	14.4	23	33.8	8	31.1
61	Ulcer of the Stomach and Duodenum	-	-	2	2.9	-	-
62	Chronic Liver Disease and Cirrhosis	-	-	8	11.8	1	3.9
63	Cholelithiasis and Other Disorders of the Gallbladder	-	-	2	2.9	-	-
64	Nephritis, Nephrotic Syndrome, and Nephrosis	-	-	4	5.9	2	7.8
65	Acute Glomerulonephritis and Nephrotic Syndrome	-	-	-	-	-	-
66	Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	-	-	-	-	1	3.9
67	Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	-	-	4	5.9	1	3.9
68	Infections of Kidney	-	-	-	-	-	-
69	Hyperplasia of Prostate	-	-	-	-	-	-
70	Complications of Pregnancy, Childbirth, and the Puerperium	-	-	-	-	1	3.9
71	Congenital Anomalies	1	4.8	5	7.3	4	15.5
72	Certain Conditions Originating in the Perinatal Period	-	-	2	2.9	1	3.9
73	Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	-	-	-	-	-	-
74	Other Conditions Originating in the Perinatal Period	-	-	2	2.9	1	3.9
75	Symptoms, Signs, and Ill-Defined Conditions	-	-	5	7.3	1	3.9
76	All Other Diseases	6	28.8	49	72.0	14	54.4
77	Accidents and Adverse Effects	2	9.6	21	30.9	6	23.3
78	Motor Vehicle Accidents	2	9.6	11	16.2	2	7.8
79	All Other Accidents and Adverse Effects	-	-	10	14.7	4	15.5
80	Suicides	2	9.6	6	8.8	2	7.8
81	Homicide and Legal Intervention	1	4.8	2	2.9	-	-
82	Other External Causes	-	-	1	1.5	-	-

Table 7

LIVE BIRTHS BY COLOR AND SEX OF CHILD, LIVE BIRTH ORDER, BIRTH WEIGHT, AND PLURAL BIRTHS, BY AGE OF MOTHER
1989 RESIDENT DATA

Color, Sex, Live Birth Order, Birth Weight, and Plural Births	Total Live Births	Under 16	16-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Not Stated
Total	38,916	185	1,075	2,757	10,597	13,698	7,920	2,394	275	14	1
Male	19,905	109	537	1,397	5,435	6,980	4,072	1,239	129	6	1
Female	19,011	76	538	1,360	5,162	6,718	3,848	1,155	146	8	-
White	36,942	140	922	2,509	9,982	13,172	7,635	2,305	262	14	1
Male	18,911	80	456	1,265	5,130	6,719	3,934	1,197	123	6	1
Female	18,031	60	466	1,244	4,852	6,453	3,701	1,108	139	8	-
Nonwhite	1,974	45	153	248	615	526	285	89	13	-	-
Male	994	29	81	132	305	261	138	42	6	-	-
Female	980	16	72	116	310	265	147	47	7	-	-
Live Birth Order											
Total	38,916	185	1,075	2,757	10,597	13,698	7,920	2,394	275	14	1
First Child	14,981	176	932	2,132	5,311	4,456	1,558	376	35	4	1
Second Child	12,945	9	128	512	3,624	5,256	2,740	623	52	1	-
Third Child	7,128	-	12	96	1,269	2,790	2,232	662	67	-	-
Fourth Child	2,611	-	2	13	300	917	922	411	44	2	-
Fifth Child	768	-	-	3	67	198	293	174	31	2	-
Sixth Child	263	-	-	-	12	51	105	78	17	-	-
Seventh Child	86	-	-	-	3	11	37	29	6	-	-
Eighth Child	56	-	-	-	-	4	16	25	9	2	-
Ninth Child	21	-	-	-	-	1	8	8	4	-	-
Tenth Child or More	24	-	-	-	1	-	5	6	9	3	-
Not Stated	33	-	1	1	10	14	4	2	1	-	-
White	36,942	140	922	2,509	9,982	13,172	7,635	2,305	262	14	1
First Child	14,216	133	820	1,976	5,086	4,292	1,507	364	33	4	1
Second Child	12,359	7	94	444	3,425	5,085	2,654	598	51	1	-
Third Child	6,806	-	5	78	1,154	2,704	2,161	640	64	-	-
Fourth Child	2,453	-	2	9	255	846	894	402	43	2	-
Fifth Child	683	-	-	1	43	174	269	165	29	2	-
Sixth Child	233	-	-	-	7	43	93	74	16	-	-
Seventh Child	74	-	-	-	2	9	32	26	5	-	-
Eighth Child	47	-	-	-	-	4	12	22	7	2	-
Ninth Child	19	-	-	-	-	1	7	7	4	-	-
Tenth Child or More	21	-	-	-	1	-	2	6	9	3	-
Not Stated	31	-	1	1	9	14	4	1	1	-	-
Nonwhite	1,974	45	153	248	615	526	285	89	13	-	-
First Child	765	43	112	156	225	164	51	12	2	-	-
Second Child	586	2	34	68	199	171	86	25	1	-	-
Thild Child	322	-	7	18	115	86	71	22	3	-	-
Fourth Child	158	-	-	4	45	71	28	9	1	-	-
Fifth Child	85	-	-	2	24	24	24	9	2	-	-
Sixth Child	30	-	-	-	5	8	12	4	1	-	-
Seventh Child	12	-	-	-	1	2	5	3	1	-	-
Eighth Child	9	-	-	-	-	-	4	3	2	-	-
Ninth Child	2	-	-	-	-	-	1	1	-	-	-
Tenth Child or More	3	-	-	-	-	-	3	-	-	-	-
Not Stated	2	-	-	-	1	-	-	1	-	-	-
0 to 499 Grams	57	-	6	5	16	13	16	1	-	-	-
500 to 999 Grams	124	1	4	10	37	40	26	6	-	-	-
1000 to 1499 Grams	185	3	10	27	38	57	39	8	3	-	-
1500 to 1999 Grams	374	2	17	31	111	110	75	21	6	1	-
2000 to 2499 Grams	1,380	17	54	123	417	425	261	73	10	-	-
2500 to 2999 Grams	5,143	34	211	470	1,517	1,696	893	282	38	1	1
3000 to 3499 Grams	13,597	66	401	1,015	3,860	4,810	2,575	769	95	6	-
3500 to 3999 Grams	12,711	49	303	793	3,372	4,565	2,731	809	83	6	-
4000 to 4499 Grams	4,422	11	62	253	1,032	1,632	1,059	339	34	-	-
4500 Grams and Over	906	2	7	30	194	343	239	85	6	-	-
Weight Not Stated	17	-	-	-	3	7	6	1	-	-	-
Plural Births *											
Twins (Individuals)	851	2	8	38	202	303	240	52	6	-	-
Triplets (Individuals)	27	-	-	-	3	12	9	3	-	-	-
Quadruplets (Individuals)	-	-	-	-	-	-	-	-	-	-	-

* Fetal Deaths not included:
* Twins 12
Triplets 0
Quadruplets 0

** Records for 3 twins was not required because the gestation was less than 20 weeks.

Table 8

LIVE BIRTHS BY LIVE BIRTH ORDER, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

Live Birth Order	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	38,916	100.0	38,070	100.0	37,866	100.0	38,748	100.0	41,182	100.0
First Child	14,981	38.5	14,396	37.8	14,404	38.0	14,716	38.0	15,787	38.3
Second Child	12,945	33.3	12,962	34.0	13,032	34.4	13,579	35.0	14,429	35.0
Third Child	7,128	18.3	7,045	18.5	6,873	18.2	6,891	17.8	7,278	17.7
Fourth Child	2,611	6.7	2,446	6.4	2,304	6.1	2,365	6.1	2,401	5.8
Fifth Child	768	2.0	722	1.9	747	2.0	728	1.9	749	1.8
Sixth Child	263	0.7	258	0.7	263	0.7	238	0.6	249	0.6
Seventh Child	86	0.2	113	0.3	110	0.3	100	0.3	111	0.3
Eighth Child	56	0.1	50	0.1	53	0.1	43	0.1	44	0.1
Ninth Child	21	0.1	21	0.1	22	0.1	30	0.1	25	0.1
Tenth Child or More	24	0.1	33	0.1	31	0.1	33	0.1	48	0.1
Not Stated	33	0.1	24	0.1	27	0.1	25	0.1	61	0.2

Table 9

FIRST LIVE BIRTH ORDER BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

Age of Mother	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	14,981	100.0	14,396	100.0	14,404	100.0	14,716	100.0	15,787	100.0
Under 16	176	1.2	180	1.3	180	1.2	169	1.1	176	1.1
16 - 17	932	6.2	941	6.5	920	6.4	893	6.1	955	6.0
18 - 19	2,132	14.2	1,775	12.3	1,743	12.1	1,786	12.1	2,000	12.7
20 - 24	5,311	35.5	5,235	36.4	5,444	37.8	5,917	40.2	6,583	41.7
25 - 29	4,456	29.7	4,387	30.5	4,355	30.2	4,347	29.5	4,454	28.2
30 - 34	1,558	10.4	1,527	10.6	1,430	9.9	1,320	9.0	1,371	8.7
35 - 39	376	2.5	325	2.3	302	2.1	257	1.7	226	1.4
40 - 44	35	0.2	24	0.2	28	0.2	27	0.2	17	0.1
45 and Over	4	0.0	2	0.0	2	0.0	-	-	-	-
Not Stated	1	0.0	-	-	-	-	-	-	5	0.0

Table 10

SECOND LIVE BIRTH ORDER BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

Age of Mother	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	12,945	100.0	12,962	100.0	13,032	100.0	13,579	100.0	14,429	100.0
Under 16	9	0.1	6	0.0	5	0.0	4	0.0	6	0.0
16 - 17	128	1.0	94	0.7	82	0.6	92	0.7	99	0.7
18 - 19	512	4.0	462	3.6	475	3.6	541	4.0	522	3.6
20 - 24	3,624	28.0	3,724	28.7	4,029	30.9	4,261	31.4	4,778	33.1
25 - 29	5,256	40.6	5,349	41.3	5,349	41.0	5,558	40.9	5,884	40.8
30 - 34	2,740	21.2	2,711	20.9	2,528	19.4	2,559	18.8	2,648	18.4
35 - 39	623	4.8	566	4.4	522	4.0	528	3.9	448	3.1
40 - 44	52	0.4	48	0.4	40	0.3	36	0.3	42	0.3
45 and Over	1	0.0	1	0.0	2	0.0	-	-	1	0.0
Not Stated	-	-	1	0.0	-	-	-	-	1	0.0

Table 11

IN WEDLOCK AND OUT OF WEDLOCK LIVE BIRTHS, BY AGE AND COLOR OF MOTHER
1989 RESIDENT DATA

Age	Total Live Births						In Wedlock Live Births						Out of Wedlock Live Births					
	Total		White		Nonwhite		Total		White		Nonwhite		Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	38,916	100.0	37,255	95.7	1,661	4.3	31,364	100.0	30,661	97.8	703	2.2	7,552	100.0	6,594	87.3	958	12.7
-15	31	100.0	20	64.5	11	35.5	-	-	-	-	-	-	31	100.0	20	64.5	11	35.5
15	154	100.0	122	79.2	32	20.8	7	100.0	6	85.7	1	14.3	147	100.0	116	78.9	31	21.1
16	378	100.0	320	84.7	58	15.3	33	100.0	32	97.0	1	3.0	345	100.0	288	83.5	57	16.5
17	697	100.0	616	88.4	81	11.6	134	100.0	130	97.0	4	3.0	563	100.0	486	86.3	77	13.7
18	1,176	100.0	1,077	91.6	99	8.4	361	100.0	352	97.5	9	2.5	815	100.0	725	89.0	90	11.0
19	1,581	100.0	1,461	92.4	120	7.6	696	100.0	676	97.1	20	2.9	885	100.0	785	88.7	100	11.3
15-19	3,986	100.0	3,596	90.2	390	9.8	1,231	100.0	1,196	97.2	35	2.8	2,755	100.0	2,400	87.1	355	12.9
20	1,720	100.0	1,599	93.0	121	7.0	938	100.0	914	97.4	24	2.6	782	100.0	685	87.6	97	12.4
21	1,859	100.0	1,762	94.8	97	5.2	1,233	100.0	1,200	97.3	33	2.7	626	100.0	562	89.8	64	10.2
22	2,151	100.0	2,061	95.8	90	4.2	1,606	100.0	1,578	98.3	28	1.7	545	100.0	483	88.6	62	11.4
23	2,311	100.0	2,211	95.7	100	4.3	1,864	100.0	1,827	98.0	37	2.0	447	100.0	384	85.9	63	14.1
24	2,556	100.0	2,449	95.8	107	4.2	2,179	100.0	2,120	97.3	59	2.7	377	100.0	329	87.3	48	12.7
20-24	10,597	100.0	10,082	95.1	515	4.9	7,820	100.0	7,639	97.7	181	2.3	2,777	100.0	2,443	88.0	334	12.0
25	2,727	100.0	2,628	96.4	99	3.6	2,418	100.0	2,367	97.9	51	2.1	309	100.0	261	84.5	48	15.5
26	2,848	100.0	2,752	96.6	96	3.4	2,559	100.0	2,502	97.8	57	2.2	289	100.0	250	86.5	39	13.5
27	2,922	100.0	2,834	97.0	88	3.0	2,641	100.0	2,582	97.8	59	2.2	281	100.0	252	89.7	29	10.3
28	2,789	100.0	2,708	97.1	81	2.9	2,589	100.0	2,531	97.8	58	2.2	200	100.0	177	88.5	23	11.5
29	2,412	100.0	2,345	97.2	67	2.8	2,221	100.0	2,178	98.1	43	1.9	191	100.0	167	87.4	24	12.6
25-29	13,698	100.0	13,267	96.9	431	3.1	12,428	100.0	12,160	97.8	268	2.2	1,270	100.0	1,107	87.2	163	12.8
30	2,206	100.0	2,136	96.8	70	3.2	2,030	100.0	1,990	98.0	40	2.0	176	100.0	146	83.0	30	17.0
31	1,879	100.0	1,812	96.4	67	3.6	1,742	100.0	1,696	97.4	46	2.6	137	100.0	116	84.7	21	15.3
32	1,568	100.0	1,535	97.9	33	2.1	1,484	100.0	1,458	98.2	26	1.8	84	100.0	77	91.7	7	8.3
33	1,253	100.0	1,225	97.8	28	2.2	1,189	100.0	1,167	98.1	22	1.9	64	100.0	58	90.6	6	9.4
34	1,014	100.0	978	96.4	36	3.6	949	100.0	922	97.2	27	2.8	65	100.0	56	86.2	9	13.8
30-34	7,920	100.0	7,686	97.0	234	3.0	7,394	100.0	7,233	97.8	161	2.2	526	100.0	453	86.1	73	13.9
35	787	100.0	768	97.6	19	2.4	738	100.0	725	98.2	13	1.8	49	100.0	43	87.8	6	12.2
36	611	100.0	595	97.4	16	2.6	576	100.0	565	98.1	11	1.9	35	100.0	30	85.7	5	14.3
37	459	100.0	439	95.6	20	4.4	424	100.0	410	96.7	14	3.3	35	100.0	29	82.9	6	17.1
38	326	100.0	317	97.2	9	2.8	296	100.0	290	98.0	6	2.0	30	100.0	27	90.0	3	10.0
39	211	100.0	203	96.2	8	3.8	192	100.0	185	96.4	7	3.6	19	100.0	18	94.7	1	5.3
35-39	2,394	100.0	2,322	97.0	72	3.0	2,226	100.0	2,175	97.7	51	2.3	168	100.0	147	87.5	21	12.5
40	122	100.0	118	96.7	4	3.3	112	100.0	108	96.4	4	3.6	10	100.0	10	100.0	-	0.0
41	71	100.0	71	100.0	-	-	63	100.0	63	100.0	-	-	8	100.0	8	100.0	-	0.0
42	47	100.0	46	97.9	1	2.1	43	100.0	43	100.0	-	-	4	100.0	3	75.0	1	25.0
43	24	100.0	22	91.7	2	8.3	23	100.0	21	91.3	2	8.7	1	100.0	1	100.0	-	0.0
44	11	100.0	10	90.9	1	9.1	11	100.0	10	90.9	1	9.1	-	-	-	-	-	-
40-44	275	100.0	267	97.1	8	2.9	252	100.0	245	97.2	7	2.8	23	100.0	22	95.7	1	4.3
45+	14	100.0	14	100.0	-	-	12	100.0	12	100.0	-	-	2	100.0	2	100.0	-	0.0
N.S.	1	100.0	1	100.0	-	-	1	100.0	1	100.0	-	-	-	-	-	-	-	-

Table 12

OUT OF WEDLOCK LIVE BIRTHS BY YEAR BY AGE OF MOTHER
1950-1989 RESIDENT DATA

Year	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	N.S.
1989	7,552	31	2,755	2,777	1,270	526	168	23	2	-
1988	6,730	45	2,383	2,485	1,186	441	164	25	-	1
1987	6,142	44	2,193	2,285	1,066	399	125	27	2	1
1986	5,811	34	2,101	2,224	962	374	101	15	-	-
1985	5,585	54	2,037	2,180	908	266	114	20	3	3
1984	5,315	34	2,014	2,035	843	294	78	15	-	2
1983	5,168	27	2,064	1,943	754	278	85	16	1	-
1982	5,062	44	2,087	1,937	654	245	75	16	-	4
1981	4,938	39	2,221	1,711	702	194	59	9	1	2
1980	4,895	47	2,227	1,719	609	220	49	17	2	5
1979	4,397	45	2,042	1,514	529	191	59	16	-	1
1978	4,116	53	2,044	1,321	466	162	63	7	-	-
1977	3,950	56	1,996	1,291	407	143	42	14	-	1
1976	3,437	48	1,849	983	368	131	40	15	2	1
1975	3,343	56	1,787	981	334	128	43	13	-	1
1974	2,959	56	1,613	842	296	92	48	12	-	-
1973	3,124	53	1,644	945	288	125	49	18	2	-
1972	3,146	60	1,657	978	283	110	38	17	2	1
1971	3,273	34	1,646	1,103	277	142	48	21	1	1
1970	3,495	47	1,724	1,220	292	129	62	21	-	-
1969	3,065	29	1,403	1,149	307	98	56	19	4	-
1968	2,960	35	1,354	1,089	256	119	72	34	-	1
1967	2,533	32	1,184	872	252	107	66	19	1	-
1966	2,423	25	1,151	796	231	126	71	20	1	2
1965	2,224	28	912	743	301	131	75	29	4	1
1964	2,001	22	789	704	261	109	79	27	1	9
1963	1,777	34	689	634	215	118	71	12	3	1
1962	1,637	23	642	579	188	119	67	16	2	1
1961	1,672	20	670	579	210	112	53	26	1	1
1960	1,476	25	626	492	168	93	49	17	3	3
1959	1,453	24	612	487	177	89	52	8	2	2
1958	1,305	22	556	396	163	95	47	21	2	3
1957	1,182	18	506	357	143	81	51	25	1	-
1956	1,161	22	471	370	159	69	48	21	-	1
1955	1,208	22	512	368	161	81	49	14	1	-
1954	1,098	20	441	356	142	82	41	15	-	1
1953	1,043	---	423a	349	143	72	55b	---	---	1
1952	1,037	17	394	333	148	67	69	7	-	2
1951	1,062	11	450	344	136	67	43	11	-	-
1950	1,065	12	457	360	136	57	35	8	-	-

a - Under 20 Years of Age
b - 35 Years and Over

Table 13

IN WEDLOCK LIVE BIRTHS BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

Age of Mother	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	31,364	100.0	31,340	100.0	31,724	100.0	32,937	100.0	35,597	100.0
Under 15	-	-	1	0.0	3	0.0	2	0.0	-	-
15 - 19	1,231	3.9	1,111	3.5	1,267	4.0	1,430	4.3	1,744	4.9
20 - 24	7,820	24.9	8,085	25.8	8,733	27.5	9,638	29.3	10,989	30.9
25 - 29	12,428	39.6	12,567	40.1	12,688	40.0	12,986	39.4	13,791	38.7
30 - 34	7,394	23.6	7,281	23.2	6,890	21.7	6,821	20.7	7,103	20.0
35 - 39	2,226	7.1	2,056	6.6	1,896	6.0	1,817	5.5	1,728	4.9
40 - 44	252	0.8	226	0.7	232	0.7	236	0.7	233	0.6
45 and Over	12	0.0	12	0.0	15	0.1	7	0.0	5	[illegible]
Not Stated	1	0.0	1	0.0	-	-	-	-	4	0.0

Table 14

OUT OF WEDLOCK LIVE BIRTHS BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

Age of Mother	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	7,552	100.0	6,730	100.0	6,142	100.0	5,811	100.0	5,585	100.0
Under 15	31	0.4	45	0.7	44	0.7	34	0.6	54	1.0
15 - 19	2,755	36.5	2,383	35.4	2,193	35.7	2,101	36.2	2,037	36.5
20 - 24	2,777	36.8	2,485	36.9	2,285	37.2	2,224	38.3	2,180	39.0
25 - 29	1,270	16.8	1,186	17.6	1,066	17.4	962	16.6	908	16.3
30 - 34	526	7.0	441	6.6	399	6.5	374	6.4	266	4.8
35 - 39	168	2.2	164	2.4	125	2.0	101	1.7	114	2.0
40 - 44	23	0.3	25	0.4	27	0.4	15	0.3	20	0.4
45 and Over	2	0.0	-	-	2	0.0	-	-	3	0.1
Not Stated	-	-	1	0.0	1	0.0	-	-	3	0.1

Table 15

LIVE BIRTHS BY TEENAGE MOTHERS, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

Age of Mother	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	38,916	100.0	38,070	100.0	37,866	100.0	38,748	100.0	41,182	100.0
19 and Under	4,017	10.3	3,540	9.3	3,507	9.3	3,567	9.2	3,835	9.3
18 and Under	2,436	6.3	2,170	5.7	2,160	5.7	2,127	5.5	2,303	5.6
10 and Under	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	1	0.0	-	-	1	0.0
13	6	0.0	5	0.0	9	0.0	2	0.0	6	0.0
14	25	0.1	41	0.1	37	0.1	34	0.1	47	0.1
15	154	0.4	140	0.4	138	0.4	137	0.4	132	0.3
16	378	1.0	352	0.9	343	0.9	342	0.9	361	0.9
17	697	1.8	692	1.8	666	1.8	652	1.7	702	1.7
18	1,176	3.0	940	2.6	966	2.6	960	2.5	1,054	2.6
19	1,581	4.1	1,370	3.6	1,347	3.6	1,440	3.7	1,532	3.7

IMMATURE LIVE BIRTHS, AS PERCENTS OF TOTAL LIVE BIRTHS, WITHIN EACH AGE GROUP OF MOTHER, BY YEAR
1987 - 1989 RESIDENT DATA

Age Group	1989				1988				1987			
	Total Live Births		Immature Live Births		Total Live Births		Immature Live Births		Total Live Births		Immature Live Births	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	38,916	100.0	2,120	5.4	38,070	100.0	2,077	5.5	37,866	100.0	1,934	5.1
Under 16	185	100.0	23	12.4	186	100.0	17	9.1	185	100.0	22	11.9
16 - 17	1,075	100.0	91	8.5	1,044	100.0	102	9.8	1,009	100.0	69	6.8
18 - 19	2,757	100.0	196	7.1	2,310	100.0	178	7.7	2,313	100.0	158	6.8
20 - 24	10,597	100.0	619	5.8	10,570	100.0	636	6.0	11,018	100.0	592	5.4
25 - 29	13,698	100.0	645	4.7	13,753	100.0	626	4.6	13,754	100.0	595	4.3
30 - 34	7,920	100.0	417	5.3	7,722	100.0	397	5.1	7,289	100.0	366	5.0
35 - 39	2,394	100.0	109	4.6	2,220	100.0	104	4.7	2,021	100.0	111	5.5
40 - 44	275	100.0	19	6.9	251	100.0	16	6.4	259	100.0	20	7.7
45 and Over	14	100.0	1	7.1	12	100.0	1	8.3	17	100.0	1	5.9
Not Stated	1	100.0	-	-	2	100.0	-	-	1	100.0	-	-

Immature Live Birth: Less than 2500 grams (5lbs. 8oz.)

Table 17
GENERAL AND TOTAL FERTILITY RATES, BY YEAR
1979 - 1989 Resident Data

	General Fertility	Total Fertility
Year	Rate	Rate
1989	60.5	1,699.0
1888	59.3	1,661.0
1987	58.6	1,629.0
1986	62.0	1,710.5
1985	64.6	1,781.0
1984	66.3	1,813.5
1983	67.4	1,830.5
1982	66.3	1,759.5
1981	68.7	1,810.5
1980	72.2	1,896.5
1979	71.7	1,892.0

TABLE 18

SELECTED CARDIOVASCULAR DISEASE DEATHS AS PERCENTS OF TOTAL DEATHS, BY YEAR
1979 - 1989 RESIDENT DATA

Year	Major Cardiovascular Diseases		Diseases of Heart		Hypertension		Cerebrovascular Diseases		Arteriosclerosis		Other Diseases of Arteries, Arterioles, and Capillaries	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1989	12,702	46.8	9,655	35.6	92	0.3	2,139	7.9	457	1.7	359	1.3
1988	13,341	47.9	10,173	36.5	121	0.4	2,212	7.9	499	1.8	336	1.2
1987	13,542	49.8	10,390	38.2	114	0.4	2,181	8.0	532	2.0	325	1.2
1986	13,511	50.0	10,323	38.2	97	0.4	2,227	8.2	509	1.9	355	1.3
1985	13,954	50.2	10,672	38.4	131	0.5	2,304	8.3	523	1.9	324	1.2
1984	13,961	51.8	10,568	39.2	143	0.5	2,407	8.9	510	1.9	333	1.2
1983	14,369	52.2	11,034	40.1	115	0.4	2,329	8.5	580	2.1	311	1.1
1982	14,225	53.0	10,805	40.2	121	0.5	2,423	9.0	559	2.1	317	1.2
1981	14,235	52.9	10,588	39.3	118	0.4	2,624	9.7	559	2.1	346	1.3
1980	14,477	53.4	10,750	39.7	127	0.5	2,690	9.9	605	2.2	305	1.1
1979	14,530	54.2	10,736	40.0	109	0.4	2,806	10.5	575	2.1	304	1.1

Major Cardiovascular Diseases is the Total of: Disease of Heart; Hypertension; Cerebrovascular Diseases; Arteriosclerosis; and Other Diseases of Arteries, Arterioles, and Capillaries

Table 19

SELECTED CAUSES OF DEATH BY YEAR
1979 - 1989 RESIDENT DATA

Year	Heart Disease		Cancer		Cerebrovascular Disease		Accidents		Pneumonia and Influenza	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1989	9,655	340.0	6,179	217.6	2,139	75.3	1,128	39.7	1,183	41.7
1988	10,173	359.0	6,182	218.1	2,212	78.1	1,164	41.1	1,259	44.4
1987	10,390	368.0	5,904	209.1	2,181	77.3	1,036	36.7	1,003	35.5
1986	10,323	363.5	5,850	206.0	2,227	78.4	1,037	36.5	1,087	38.3
1985	10,672	370.4	6,119	212.4	2,304	80.0	1,101	38.2	1,161	40.3
1984	10,568	363.9	5,829	200.7	2,407	82.9	1,009	34.7	1,005	34.6
1983	11,034	379.8	5,975	205.7	2,329	80.2	1,108	38.1	943	32.5
1982	10,805	371.6	5,775	198.6	2,423	83.3	1,110	38.2	821	28.2
1981	10,588	362.9	5,690	195.0	2,624	89.9	1,283	44.0	1,009	34.6
1980	10,750	368.9	5,579	191.5	2,690	92.3	1,331	45.7	968	33.2
1979	10,736	369.9	5,632	194.0	2,806	96.7	1,371	47.2	751	25.9

Rates per 100,000 population.

Table 20

DEATHS BY COLOR AND AGE, BY SEX
1989 RESIDENT DATA

Age	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	27,147	100.0	13,384	100.0	13,763	100.0
Under 1	321	1.2	183	1.4	138	1.0
1 - 4	73	0.3	35	0.3	38	0.3
0 - 4	(394)	(1.5)	(218)	(1.7)	(176)	(1.3)
5 - 9	52	0.2	26	0.2	26	0.2
10 - 14	47	0.2	34	0.3	13	0.1
15 - 19	173	0.6	122	0.9	51	0.4
20 - 24	156	0.6	119	0.9	37	0.3
25 - 29	190	0.7	147	1.1	43	0.3
30 - 34	207	0.8	151	1.1	56	0.4
35 - 39	246	0.9	164	1.2	82	0.6
40 - 44	328	1.2	208	1.6	120	0.9
45 - 49	441	1.6	260	1.9	181	1.3
50 - 54	599	2.2	369	2.8	230	1.7
55 - 59	1,000	3.7	617	4.6	383	2.8
60 - 64	1,655	6.1	1,046	7.8	609	4.4
65 - 69	2,271	8.4	1,388	10.4	883	6.4
70 - 74	3,096	11.4	1,845	13.8	1,251	9.1
75 - 79	3,924	14.5	2,158	16.1	1,766	12.8
80 - 84	4,165	15.3	1,905	14.2	2,260	16.4
85 - 89	3,890	14.3	1,426	10.7	2,464	17.9
90 - 94	2,840	10.5	828	6.2	2,012	14.6
95 - 99	1,214	4.5	295	2.2	919	6.7
100 Plus	256	0.9	56	0.4	200	1.5
Not Stated	3	0.0	2	0.0	1	0.0
White	26,777	100.0	13,196	100.0	13,581	100.0
Under 1	290	1.1	168	1.3	122	0.9
1 - 4	67	0.3	32	0.2	35	0.3
0 - 4	(357)	(1.4)	(200)	(1.5)	(157)	(1.2)
5 - 9	50	0.2	24	0.2	26	0.2
10 - 14	44	0.2	32	0.2	12	0.1
15 - 19	168	0.6	118	0.9	50	0.4
20 - 24	146	0.5	112	0.8	34	0.3
25 - 29	182	0.7	140	1.1	42	0.3
30 - 34	196	0.7	143	1.1	53	0.4
35 - 39	232	0.9	155	1.2	77	0.6
40 - 44	313	1.2	200	1.5	113	0.8
45 - 49	425	1.6	253	1.9	172	1.3
50 - 54	583	2.2	365	2.8	218	1.6
55 - 59	977	3.6	606	4.6	371	2.7
60 - 64	1,631	6.1	1,033	7.8	598	4.4
65 - 69	2,243	8.4	1,368	10.4	875	6.4
70 - 74	3,058	11.4	1,823	13.8	1,235	9.1
75 - 79	3,883	14.5	2,142	16.2	1,741	12.8
80 - 84	4,128	15.4	1,891	14.3	2,237	16.5
85 - 89	3,857	14.4	1,418	10.7	2,449	18.0
90 - 94	2,829	10.6	822	6.2	2,007	14.8
95 - 99	1,208	4.5	293	2.2	915	6.7
100 Plus	255	1.0	56	0.4	199	1.5
Not Stated	2	0.0	2	0.0	-	-
Nonwhite	370	100.0	188	100.0	182	100.0
Under 1	31	8.4	15	8.0	16	8.8
1 - 4	6	1.6	3	1.6	3	1.6
0 - 4	(37)	(10.0)	(18)	(9.6)	(19)	(10.4)
5 - 9	2	0.5	2	1.1	-	-
10 - 14	3	0.8	2	1.1	1	0.5
15 - 19	5	1.4	4	2.1	1	0.5
20 - 24	10	2.7	7	3.7	3	1.6
25 - 29	8	2.2	7	3.7	1	0.5
30 - 34	11	3.0	8	4.3	3	1.6
35 - 39	14	3.8	9	4.8	5	2.7
40 - 44	15	4.1	8	4.3	7	3.8
45 - 49	16	4.3	7	3.7	9	4.9
50 - 54	16	4.3	4	2.1	12	6.6
55 - 59	23	6.2	11	5.9	12	6.6
60 - 64	24	6.5	13	6.9	11	6 0
65 - 69	28	7.6	20	10.6	8	4.4
70 - 74	38	10.3	22	11.7	16	8.8
75 - 79	41	11.1	16	8.5	25	13.7
80 - 84	37	10.0	14	7.4	23	12.6
85 - 89	23	6.2	8	4.3	15	8.2
90 - 94	11	3.0	6	3.2	5	2.7
95 - 99	6	1.6	2	1.1	4	2.2
100 Plus	1	0.3	-	-	1	0.5
Not Stated	1	0.3	-	-	1	0.5

Table 21

LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS
1989 RESIDENT DATA

Age	Cause of Death	Total	Number	Percent
Under 1		321		
	Certain Conditions Originating in the Perinatal Period		130	40.5
	Congenital Anomalies		95	29.6
	Sudden Infant Death Syndrome		62	19.3
	Diseases of the Circulatory System		7	2.2
	Diseases of the Respiratory System		5	1.6
1 - 4		73		
	Accidents		28	38.4
	Congenital Anomalies		14	19.2
	Diseases of the Nervous System and Sense Organs		5	6.8
	Infectious and Parasitic Diseases		5	6.8
	Diseases of the Respiratory System		5	6.8
5 - 14		99		
	Accidents		54	54.5
	Malignant Neoplasms		12	12.1
	Diseases of the Nervous System and Sense Organs		10	10.1
	Diseases of the Respiratory System		5	5.1
	Congenital Anomalies		4	4.0
15 - 24		329		
	Accidents		184	55.9
	Suicides		52	15.8
	Homicides		17	5.2
	Diseases of the Circulatory System		17	5.2
	Malignant Neoplasms		13	4.0
25 - 44		971		
	Accidents		259	26.7
	Malignant Neoplasms		196	20.2
	Heart Disease		130	13.4
	Suicides		111	11.4
	Infectious and Parasitic Diseases		40	4.1
45 - 54		1,040		
	Malignant Neoplasms		391	37.6
	Heart Disease		299	28.8
	Accidents		80	7.7
	Diseases of the Digestive System		46	4.4
	Diseases of the Respiratory System		37	3.6
55 - 64		2,655		
	Malignant Neoplasms		1,055	39.7
	Heart Disease		833	31.4
	Diseases of the Respiratory System		202	7.6
	Disease of the Digestive System		93	3.5
	Accidents		86	3.2
65 - 84		13,456		
	Heart Disease		4,873	36.2
	Malignant Neoplasms		3,635	27.0
	Diseases of the Respiratory System		1,420	10.6
	Cerebrovascular Disease		1,024	7.6
	Diseases of the Digestive System		445	3.3
85 and Over		8,200		
	Heart Disease		3,498	42.7
	Cerebrovascular Disease		970	11.8
	Diseases of the Respiratory System		938	11.4
	Malignant Neoplasms		873	10.6
	Diseases of the Arteries, Arterioles, and Capillaries		362	4.4

Table 22

15 LEADING CAUSES OF DEATH BY NUMBER AND PERCENT OF TOTAL DEATHS, BY MALE AND FEMALE
1989 RESIDENT DATA

Cause of Death	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	27,147	100.0	13,384	100.0	13,763	100.0
Diseases of the Heart	9,655	35.6	4,667	34.9	4,988	36.2
Malignant Neoplasms	6,179	22.8	3,269	24.4	2,910	21.1
Cerebrovascular Diseases	2,139	7.9	764	5.7	1,375	10.0
Pneumonia and Influenza	1,183	4.4	503	3.8	680	4.9
Chronic Obstructive Pulmonary Diseases & Allied Conditions	1,156	4.3	713	5.3	443	3.2
All Accidents and Adverse Effects	1,128	4.2	712	5.3	416	3.0
Diabetes Mellitus	539	2.0	242	1.8	297	2.2
General Arteriosclerosis	457	1.7	178	1.3	279	2.0
Other Diseases of Arteries, Arterioles, and Capillaries	359	1.3	187	1.4	172	1.2
Suicides	314	1.2	264	2.0	50	0.4
All Infective and Parasitic Diseases	286	1.1	148	1.1	138	1.0
Alzheimers Disease	236	0.9	87	0.7	149	1.1
Chronic Liver Disease and Cirrhosis	208	0.8	133	1.0	75	0.5
Nephritis, Nephrotic Syndrome, and Nephrosis	171	0.6	80	0.6	91	0.7
Congenital Anomalies	157	0.6	75	0.6	82	0.6
All Other Causes	2,980	11.0	1,362	10.2	1,618	11.8

Table 23

HEART DISEASE DEATHS BY AGE, BY SEX, PERCENT DISTRIBUTION
1989 RESIDENT DATA

Age	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	9,655	100.0	4,667	100.0	4,988	100.0
Under 1	5	0.1	2	0.0	3	0.1
1 - 4	3	0.0	2	0.0	1	0.0
5 - 9	-	-	-	-	-	-
10 - 14	-	-	-	-	-	-
15 - 19	6	0.1	4	0.1	2	0.0
20 - 24	8	0.1	6	0.1	2	0.0
25 - 29	12	0.1	8	0.2	4	0.1
30 - 34	17	0.2	14	0.3	3	0.1
35 - 39	31	0.3	22	0.5	9	0.2
40 - 44	70	0.7	60	1.3	10	0.2
45 - 49	117	1.2	85	1.8	32	0.6
50 - 54	182	1.9	138	3.0	44	0.9
55 - 59	304	3.1	231	4.9	73	1.5
60 - 64	529	5.5	374	8.0	155	3.1
65 - 69	741	7.7	492	10.5	249	5.0
70 - 74	1,046	10.8	648	13.9	398	8.0
75 - 79	1,447	15.0	809	17.3	638	12.8
80 - 84	1,639	17.0	718	15.4	921	18.5
85 - 89	1,630	16.9	573	12.3	1,057	21.2
90 - 94	1,168	12.1	321	6.9	847	17.0
95 - 99	571	5.9	133	2.8	438	8.8
100 and Over	129	1.3	27	0.6	102	2.0
Not Stated	-	-	-	-	-	-

Table 24

MALIGNANT NEOPLASMS DEATHS BY AGE, BY SEX, PERCENT DISTRIBUTION
1989 RESIDENT DATA

Age	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	6,179	100.0	3,269	100.0	2,910	100.0
Under 1	2	0.0	-	-	2	0.1
1 - 4	2	0.0	2	0.1	-	-
5 - 9	6	0.1	2	0.1	4	0.1
10 - 14	6	0.1	4	0.1	2	0.1
15 - 19	4	0.1	2	0.1	2	0.1
20 - 24	9	0.1	4	0.1	5	0.2
25 - 29	20	0.3	10	0.3	10	0.3
30 - 34	29	0.5	12	0.4	17	0.6
35 - 39	53	0.9	26	0.8	27	0.9
40 - 44	94	1.5	41	1.3	53	1.8
45 - 49	163	2.6	70	2.1	93	3.2
50 - 54	228	3.7	115	3.5	113	3.9
55 - 59	400	6.5	210	6.4	190	6.5
60 - 64	655	10.6	393	12.0	262	9.0
65 - 69	813	13.2	468	14.3	345	11.9
70 - 74	1,031	16.7	603	18.4	428	14.7
75 - 79	987	16.0	549	16.8	438	15.1
80 - 84	804	13.0	401	12.3	403	13.8
85 - 89	516	8.4	227	6.9	289	9.9
90 - 94	267	4.3	105	3.2	162	5.6
95 - 99	82	1.3	23	0.7	59	2.0
100 and Over	8	0.1	2	0.1	6	0.2
Not Stated	-	-	-	-	-	-

Table 25

MALE MALIGNANT NEOPLASMS DEATHS BY 10 LEADING SITES, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	3,269	100.0	3,273	100.0	3,166	100.0	3,175	100.0	3,213	100.0
Trachea, Bronchus, and Lung	1,113	34.0	1,153	35.2	1,064	33.6	1,063	33.5	1,076	33.5
Prostate	421	12.8	416	12.7	427	13.5	389	12.3	402	12.5
Intestine, including Duodenum	376	11.5	328	10.0	333	10.5	343	10.8	359	11.2
Urinary Organs	195	6.0	183	5.6	160	5.1	178	5.6	168	5.2
Pancreas	141	4.3	150	4.6	159	5.0	148	4.7	153	4.8
*Leukemia	136	4.2	134	4.1	123	3.9	114	3.6	144	4.5
Esophagus	91	2.8	76	2.3	84	2.7	57	1.8	71	2.2
Stomach	79	2.4	79	2.4	69	2.2	86	2.7	94	2.9
Brain and Nervous System	61	1.9	93	2.8	80	2.5	83	2.6	89	2.8
Skin	59	1.8	61	1.9	69	2.2	52	1.6	44	1.4
All Other Sites, Unspecified, Ill-Defined, and Secondary Sites	597	18.3	600	18.3	598	18.9	662	20.9	613	19.1

*Leukemia is included, although it is not a specific site

Table 26

FEMALE MALIGNANT NEOPLASMS DEATHS BY 10 LEADING SITES, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 RESIDENT DATA

	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	2,910	100.0	2,909	100.0	2,738	100.0	2,675	100.0	2,906	100.0
Breast	554	19.0	541	18.6	540	19.7	480	17.9	537	18.5
Trachea, Bronchus, and Lung	484	16.6	506	17.4	433	15.8	396	14.8	395	13.6
Intestine, Including Duodenum	402	13.8	387	13.3	398	14.5	407	15.2	451	15.5
Pancreas	177	6.1	144	5.0	140	5.1	159	5.9	173	6.0
Ovary and Uterine Adnexa	173	5.9	193	6.6	154	5.6	159	5.9	179	6.2
Uterus	120	4.1	117	4.0	107	3.9	113	4.2	159	5.5
*Leukemia	115	4.0	106	3.6	119	4.3	88	3.3	121	4.2
Urinary Organs	106	3.6	119	4.1	96	3.5	79	3.0	105	3.6
Brain and Nervous System	54	1.9	81	2.8	68	2.5	69	2.6	84	2.9
Multiple Myeloma and Immunoproliferative Neoplasms	54	1.9	58	2.0	38	1.4	49	1.8	53	1.8
All Other Sites, Unspecified, Ill-Defined, and Secondary Sites	671	23.1	657	22.6	645	23.6	676	25.3	649	22.3

*Leukemia is included, although it is not a specific site

Table 27

CEREBROVASCULAR DISEASE DEATHS BY AGE, BY SEX, PERCENT DISTRIBUTION
1989 RESIDENT DATA

Age	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	2,139	100.0	764	100.0	1,375	100.0
Under 1	2	0.1	1	0.1	1	0.1
1 - 4	-	-	-	-	-	-
5 - 9	-	-	-	-	-	-
10 - 14	-	-	-	-	-	-
15 - 19	-	-	-	-	-	-
20 - 24	2	0.1	-	-	2	0.1
25 - 29	2	0.1	1	0.1	1	0.1
30 - 34	5	0.2	2	0.3	3	0.2
35 - 39	7	0.3	4	0.5	3	0.2
40 - 44	9	0.4	4	0.5	5	0.4
45 - 49	20	0.9	8	1.0	12	0.9
50 - 54	13	0.6	4	0.5	9	0.7
55 - 59	33	1.5	19	2.5	14	1.0
60 - 64	51	2.4	25	3.3	26	1.9
65 - 69	107	5.0	58	7.6	49	3.6
70 - 74	185	8.6	95	12.4	90	6.5
75 - 79	307	14.4	134	17.5	173	12.6
80 - 84	425	19.9	156	20.4	269	19.6
85 - 89	470	22.0	130	17.0	340	24.7
90 - 94	344	16.1	87	11.4	257	18.7
95 - 99	127	5.9	28	3.7	99	7.2
100 and Over	29	1.4	7	0.9	22	1.6
Not Stated	1	0.0	1	0.1	-	-

Table 28

SUICIDE DEATHS BY AGE, BY SEX, PERCENT DISTRIBUTION
1989 RESIDENT DATA

Age	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	314	100.0	264	100.0	50	100.0
10 - 14	2	0.6	2	0.8	-	-
15 - 19	29	9.2	25	9.5	4	8.0
20 - 24	23	7.3	21	8.0	2	4.0
25 - 29	35	11.1	32	12.1	3	6.0
30 - 34	30	9.6	22	8.3	8	16.0
35 - 39	26	8.3	21	8.0	5	10.0
40 - 44	20	6.4	16	6.1	4	8.0
45 - 49	13	4.1	11	4.2	2	4.0
50 - 54	17	5.4	15	5.7	2	4.0
55 - 59	14	4.5	10	3.8	4	8.0
60 - 64	16	5.1	14	5.3	2	4.0
65 - 69	22	7.0	20	7.6	2	4.0
70 - 74	20	6.4	18	6.8	2	4.0
75 - 79	23	7.3	18	6.8	5	10.0
80 - 84	12	3.8	10	3.8	2	4.0
85 - 89	9	2.9	7	2.7	2	4.0
90 - 94	3	1.0	2	0.8	1	2.0
95 - 99	-	-	-	-	-	-
100 and Over	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-

Table 29

SUICIDE DEATHS BY AGE, BY METHOD (I.C.D. CODE), BY SEX
1989 RESIDENT DATA

Age	Method														
	Firearms and Explosives (E955)			Poisoning by Gases and Vapors (E951, E952)			Hanging, Strangulation, and Suffocation (E953)			Poisoning by Solids or Liquids (E950)			All Other Methods (E954, E956-959)		
	Total Number	Male Number	Female Number	Total Number	Male Number	Female Number	Total Number	Male Number	Female Number	Total Number	Male Number	Female Number	Total Number	Male Number	Female Number
Total	169	156	13	58	45	13	52	42	10	24	12	12	11	9	2
10 - 14	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-
15 - 19	20	19	1	4	3	1	3	3	-	1	-	1	1	-	1
20 - 24	13	12	1	3	3	-	6	5	1	-	-	-	1	1	-
25 - 29	18	17	1	6	5	1	7	7	-	3	2	1	1	1	-
30 - 34	13	9	4	6	4	2	4	4	-	5	3	2	2	2	-
35 - 39	18	17	1	5	3	2	1	1	-	2	-	2	-	-	-
40 - 44	9	9	-	2	1	1	6	4	2	3	2	1	-	-	-
45 - 49	6	5	1	5	4	1	2	2	-	-	-	-	-	-	-
50 - 54	8	8	-	3	2	1	4	4	-	2	1	1	-	-	-
55 - 59	7	6	1	3	3	-	2	1	1	2	-	2	-	-	-
60 - 64	6	5	1	6	6	-	1	1	-	1	-	1	2	2	-
65 - 69	14	14	-	5	3	2	1	1	-	2	2	-	-	-	-
70 - 74	14	13	1	2	1	1	3	3	-	1	1	-	-	-	-
75 - 79	12	11	1	4	3	1	4	2	2	1	1	-	2	1	1
80 - 84	6	6	-	1	1	-	3	1	2	-	-	-	2	2	-
85 - 89	3	3	-	2	2	-	4	2	2	-	-	-	-	-	-
90 - 94	1	1	-	1	1	-	-	-	-	1	-	1	-	-	-
95 - 99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 and Over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 30

TEENAGE SUICIDE DEATHS AS A PERCENT OF TOTAL SUICIDE DEATHS, BY YEAR
1979 - 1989 RESIDENT DATA

Year	Total		19 and under		15-19		10-14		5-9	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1989	314	100.0	31	9.9	29	9.2	2	0.6	-	-
1988	317	100.0	31	9.8	28	8.8	3	0.9	-	-
1987	398	100.0	28	7.0	22	5.5	6	1.5	-	-
1986	366	100.0	40	10.9	37	10.1	3	0.8	-	-
1985	335	100.0	31	9.3	29	8.7	2	0.6	-	-
1984	346	100.0	31	9.0	28	8.1	3	0.9	-	-
1983	326	100.0	32	9.8	32	9.8	-	-	-	-
1982	308	100.0	30	9.7	28	9.1	2	0.6	-	-
1981	303	100.0	24	7.9	23	7.6	1	0.3	-	-
1980	321	100.0	21	6.5	17	5.3	4	1.2	-	-
1979	315	100.0	21	6.7	19	6.0	3	0.6	-	-

Table 31

ACCIDENTAL DEATHS BY TYPE OF ACCIDENT BY AGE
1989 OCCURRENCE DATA

Type of Accident	Total	0-4	5-14	15-24	25-44	45-64	65-74	75+	N.S.
Grand Total	1,226	35	69	185	312	189	103	333	-
Work Total	62	-	-	5	23	25	4	5	-
Agriculture	32	-	-	1	9	14	4	4	-
Mining, Quarrying, Oil and Gas Wells	-	-	-	-	-	-	-	-	-
Construction	9	-	-	3	4	2	-	-	-
Manufacturing	12	-	-	1	7	4	-	-	-
Transportation	1	-	-	-	-	1	-	-	-
Trade	1	-	-	-	-	-	-	1	-
Service	2	-	-	-	1	1	-	-	-
Government	5	-	-	-	2	3	-	-	-
Other and Unspecified Industry	-	-	-	-	-	-	-	-	-
Home Total	213	14	17	7	18	24	33	100	-
Poisonings (Gas Excepted)	10	-	1	-	5	2	1	1	-
Poisonings by Gases and Vapors	14	-	1	2	2	4	2	3	-
Falls	107	-	-	-	-	9	19	79	-
Fires	40	8	9	1	4	6	4	8	-
Drowning	6	2	1	-	-	1	-	2	-
Suffocation, Ingested Food or Object	7	1	-	-	1	-	1	4	-
Suffocation, Mechanical	5	2	1	-	2	-	-	-	-
Firearms	7	-	3	3	-	1	-	-	-
Other and Unspecified Home Accidents	17	1	1	1	4	1	6	3	-
Motor-Vehicle Total	541	14	27	153	186	87	28	46	-
Injury to Pedestrian	46	7	3	4	13	8	2	9	-
Injury to Pedal Cyclist	7	-	3	1	3	-	-	-	-
Injury to Rider of Animal or Occupant of Animal-Drawn Vehicle	-	-	-	-	-	-	-	-	-
Collision with Railroad Train	7	-	-	1	2	4	-	-	-
Collision with Other Motor Vehicle	261	6	11	71	79	48	18	28	-
Collision with Fixed Object	128	-	4	46	56	11	5	6	-
Noncollision	82	1	4	28	29	15	2	3	-
Other and Unspecified Accidents	10	-	2	2	4	1	1	-	-
PERSON INJURED *									
Driver of Motor Veh. Other than Motorcycle	298	-	3	87	116	56	16	20	-
Passenger in M. V. Other than Motorcycle	141	7	18	49	27	17	9	14	-
Motorcyclist	36	-	-	9	21	6	-	-	-
Passenger on Motorcycle	4	-	-	1	3	-	-	-	-
Public Non-Motor Vehicle Total	295	6	25	16	77	39	22	110	-
Railroad - Not with Motor Vehicle	4	-	1	1	1	1	-	-	-
Other Vehicle - Not with Motor Vehicle	2	-	1	-	-	1	-	-	-
Water Transport	2	1	-	1	-	-	-	-	-
Air Transport	116	2	10	9	58	26	5	6	-
Falls	84	-	-	-	-	3	6	75	-
Fires	2	-	-	1	-	-	-	1	-
Drowning	20	2	7	2	5	1	1	2	-
Firearms	4	-	1	1	2	-	-	-	-
Other and Unspecified Public Accidents	61	1	5	1	11	7	10	26	-
Accident Type Unknown and Late Effects	115	1	-	4	8	14	16	72	-

* Special totals - do not add into M.V. or Grand Totals.

Table 32

FETAL DEATHS BY AGE OF MOTHER, BY IN WEDLOCK AND OUT OF WEDLOCK
1989 RESIDENT DATA

Age	Total		In Wedlock		Out of Wedlock	
	Number	Percent	Number	Percent	Number	Percent
Total	238	100.0	175	100.0	63	100.0
Under 15	1	0.4	-	-	1	1.6
15	-	-	-	-	-	-
16	3	1.3	-	-	3	4.8
17	4	1.7	1	0.6	3	4.8
18	11	4.6	2	1.1	9	14.3
19	16	6.7	9	5.1	7	11.1
15-19	34	14.3	12	6.9	22	34.9
20	6	2.5	3	1.7	3	4.8
21	9	3.8	6	3.4	3	4.8
22	11	4.6	7	4.0	4	6.3
23	12	5.0	9	5.1	3	4.8
24	22	9.2	18	10.3	4	6.3
20-24	60	25.2	43	24.6	17	27.0
25	11	4.6	9	5.1	2	3.2
26	10	4.2	7	4.0	3	4.8
27	23	9.7	20	11.4	3	4.8
28	23	9.7	21	12.0	2	3.2
29	9	3.8	7	4.0	2	3.2
25-29	76	31.9	64	36.6	12	19.0
30	13	5.5	11	6.3	2	3.2
31	17	7.1	14	8.0	3	4.8
32	5	2.1	4	2.3	1	1.6
33	8	3.4	7	4.0	1	1.6
34	4	1.7	4	2.3	-	-
30-34	47	19.7	40	22.9	7	11.1
35	7	2.9	7	4.0	-	-
36	5	2.1	4	2.3	1	1.6
37	1	0.4	-	-	1	1.6
38	3	1.3	2	1.1	1	1.6
39	2	0.8	1	0.6	1	1.6
35-39	18	7.6	14	8.0	4	6.3
40	-	-	-	-	-	-
41	-	-	-	-	-	-
42	1	0.4	1	0.6	-	-
43	-	-	-	-	-	-
44	-	-	-	-	-	-
40-44	1	0.4	1	0.6	-	-
45 & Over	1	0.4	1	0.6	-	-
Not Stated	-	-	-	-	-	-

Table 33

FETAL DEATH BY CAUSE, BY COLOR
1989 RESIDENT DATA

Cause of Death	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
All Causes	238	6.1	212	5.7	26	13.2
Maternal Conditions Which May be Unrelated to Present Pregnancy	6	0.2	6	0.2	-	-
Hypertensive Disorders	1		1		-	
Renal and Urinary Tract Diseases	1		1		-	
Infections	2		2		-	
Other Chronic Circulatory and Respiratory Diseases	-		-		-	
Injury	-		-		-	
Noxious Influences Transmitted Via Placenta	-		-		-	
Other & Unspecified Maternal Conditions Which May Be Unrelated to Present Pregnancy	2		2		-	
Maternal Complications of Pregnancy	19	0.5	17	0.5	2	1.0
Premature Rupture of Membranes	6		6		-	
Ectopic Pregnancy	-		-		-	
Multiple Pregnancy	3		3		-	
Termination of Pregnancy	2		2		-	
Other & Unspecified Maternal Complications of Pregnancy	8		6		2	
Complications of Placenta, Cord, and Membranes	91	2.3	81	2.2	10	5.1
Placenta Previa	1		1		-	
Other Forms of Placental Separation and Hemorrhage	24		22		2	
Other Abnormalities of Placenta	16		14		2	
Placental Transfusion Syndromes	5		5		-	
Prolapsed Cord	1		1		-	
Other Compression of Umbilical Cord	29		25		4	
Other Conditions of Placenta, Cord, and Membranes	15		13		2	
Complications of Labor and Delivery	6	0.2	5	0.1	1	0.5
Breech Delivery and Extraction	1		1		-	
Other Malpresentation, Malposition, and Disproportion	-		-		-	
Forceps Delivery	-		-		-	
Caesarean Delivery	-		-		-	
Birth Trauma	1		1		-	
Other & Unspecified Complications of Labor and Delivery	4		3		1	
Congenital Anomalies	19	0.5	18	0.5	1	0.5
Central Nervous System	4		3		1	
Circulatory System	3		3		-	
Other & Unspecified Congenital Anomalies	12		12		-	
Fetal Conditions, Diseases, and Disorders	96	2.5	84	2.3	12	6.1
Immaturity	11		10		1	
Asphyxia and Anoxia	8		7		1	
Other Respiratory Conditions	1		1		-	
Infections Specific to Perinatal Period	2		2		-	
Hemorrhage	3		3		-	
Homolytic Disease	-		-		-	
Other Jaundice	-		-		-	
Endocrine and Metabolic Disturbances	1		-		1	
Hematological Disorders	-		-		-	
Disorders of Digestive System	-		-		-	
Other & Ill-Defined Conditions, Diseases, and Disorders	70		61		9	
Other Causes Usually Classified Elsewhere	1	0.0	1	0.0	-	-

Color-Specific Rates per 1,000 Live Births

Table 34

INFANT DEATHS BY CAUSE, BY COLOR
1989 RESIDENT DATA

Cause of Death	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
All Causes	321	8.2	290	7.9	31	15.7
Certain Intestinal Infections	-	-	-	-	-	-
Septicemia	3	0.1	3	0.1	-	-
Other Infective and Parasitic Diseases	1	0.0	1	0.0	-	-
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissue	2	0.1	2	0.1	-	-
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	1	0.0	1	0.0	-	-
Cystic Fibrosis	-	-	-	-	-	-
Diseases of the Blood and Blood-Forming Organs	-	-	-	-	-	-
Meningitis	1	0.0	1	0.0	-	-
Other Diseases of Nervous System and Sense Organs	1	0.0	1	0.0	-	-
Acute Upper Respiratory Infections	1	0.0	1	0.0	-	-
Bronchitis and Bronchiolitis	2	0.1	2	0.1	-	-
Influenza	-	-	-	-	-	-
Pneumonia	-	-	-	-	-	-
Postinflammatory Pulmonary Fibrosis	-	-	-	-	-	-
All Other Diseases of Respiratory System	2	0.1	2	0.1	-	-
Hernia of the Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia	2	0.1	2	0.1	-	-
Other Diseases of Digestive System	2	0.1	2	0.1	-	-
Congenital Anomalies	95	2.4	88	2.4	7	3.5
Anencephalus and Similar Anomalies	8		8		-	
Spina Bifida	-		-		-	
Congenital Hydrocephalus	1		1		-	
Other Congenital Anomalies of Central Nervous System and Eye	1		1		-	
Congenital Anomalies of Heart	31		28		3	
Other Congenital Anomalies of Circulatory System	7		6		1	
Congenital Anomalies of Respiratory System	10		9		1	
Congenital Anomalies of Digestive System	-		-		-	
Congenital Anomalies of Genitourinary System	14		13		1	
Congenital Anomalies of Musculoskeletal System	3		3		-	
Down's Syndrome	-		-		-	
Other Chromosomal Anomalies	13		12		1	
Other and Unspecified Congenital Anomalies	7		7		-	
Certain Conditions Originating in the Perinatal Period	130	3.3	112	3.0	18	9.1
Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy	1		1		-	
Hypertensive Disorders	1		1		-	
Renal and Urinary Tract Diseases	-		-		-	
Infections	-		-		-	
Other Chronic Circulatory and Respiratory Diseases	-		-		-	
All Other Maternal Conditions Which May Be Unrelated to Present Pregnancy	-		-		-	
Newborn Affected by Maternal Complications of Pregnancy	17		15		2	
Newborn Affected by Complications of Placenta, Cord, and Membranes	9		7		2	
Newborn Affected by Other Complications of Labor and Delivery	1		1		-	
Slow Fetal Growth and Fetal Malnutrition	-		-		-	
Disorders Relating to Short Gestation and Unspecified Low Birthweight	30		25		5	
Disorders Relating to Long Gestation and High Birthweight	-		-		-	
Birth Trauma	-		-		-	
Intrauterine Hypoxia and Birth Asphyxia	3		3		-	
Fetal Distress in Liveborn Infant	-		-		-	
Birth Asphyxia	3		3		-	
Respiratory Distress Syndrome	24		23		1	
Other Respiratory Conditions of Newborn	20		15		5	
Infections Specific to the Perinatal Period	7		7		-	
Neonatal Hemorrage	1		1		-	
Hemolytic Disease of Newborn Due to Isoimmunization	-		-		-	
Other Perinatal Jaundice	-		-		-	
Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus	-		-		-	
Hemorrhagic Disease of Newborn	-		-		-	
All Other and Ill-Defined Condition Originating in the Perinatal Period	17		14		3	
Symptoms, Signs, and Ill-Defined Conditions	64	1.6	58	1.6	6	3.0
Accidents and Adverse Effects	3	0.1	3	0.1	-	-
Inhalation and Ingestion of Food or Other Object Causing Obstruction of Respiratory Tract or Suffocation	-		-		-	
Accidental Mechanical Suffocation	1		1		-	
Other Accidental Causes and Adverse Effects	2		2		-	
Homicide	2	0.1	2	0.1	-	-
All Other Causes	9	0.2	9	0.2	-	-

Color-Specific Rates per 1,000 Live Births.

Table 35

INFANT DEATHS BY CAUSE, SEX, AND COLOR, BY SUBDIVISION OF THE FIRST YEAR
1989 RESIDENT DATA

Cause	Sex	Under 1 Day			Under 1 Week			Under 1 Month*			Under 1 Year		
		Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
Total	Total	129	113	16	179	160	19	214	191	23	321	290	31
	Male	74	65	9	103	92	11	123	111	12	183	168	15
	Female	55	48	7	76	68	8	91	80	11	138	122	16
Infectious and Parasitic Diseases	Total	-	-	-	-	-	-	1	1	-	4	4	-
	Male	-	-	-	-	-	-	-	-	-	2	2	-
	Female	-	-	-	-	-	-	1	1	-	2	2	-
Endocrine, Nutritional, and Metabolic Diseases	Total	-	-	-	-	-	-	1	1	-	2	2	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	1	1	-	2	2	-
Diseases of the Blood and Blood-Forming Organs	Total	-	-	-	-	-	-	-	-	-	-	-	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the Nervous System and Sense Organs	Total	-	-	-	-	-	-	-	-	-	2	2	-
	Male	-	-	-	-	-	-	-	-	-	1	1	-
	Female	-	-	-	-	-	-	-	-	-	1	1	-
Diseases of the Circulatory System	Total	-	-	-	4	4	-	4	4	-	7	7	-
	Male	-	-	-	-	-	-	-	-	-	3	3	-
	Female	-	-	-	4	4	-	4	4	-	4	4	-
Diseases of the Respiratory System	Total	-	-	-	1	1	-	1	1	-	5	5	-
	Male	-	-	-	1	1	-	1	1	-	3	3	-
	Female	-	-	-	-	-	-	-	-	-	2	2	-
Diseases of the Digestive System	Total	1	1	-	1	1	-	1	1	-	4	4	-
	Male	1	1	-	1	1	-	1	1	-	3	3	-
	Female	-	-	-	-	-	-	-	-	-	1	1	-
Congenital Anomalies	Total	34	32	2	60	57	3	78	72	6	95	88	7
	Male	18	17	1	33	32	1	43	42	1	49	48	1
	Female	16	15	1	27	25	2	35	30	5	46	40	6
Certain Conditions Originating in the Perinatal Period	Total	94	80	14	112	96	16	125	108	17	130	112	18
	Male	55	47	8	67	57	10	76	65	11	79	68	11
	Female	39	33	6	45	39	6	49	43	6	51	44	7
Accidents, Poisonings, and Violence	Total	-	-	-	-	-	-	-	-	-	5	5	-
	Male	-	-	-	-	-	-	-	-	-	2	2	-
	Female	-	-	-	-	-	-	-	-	-	3	3	-
All Other Causes	Total	-	-	-	1	1	-	3	3	-	67	61	6
	Male	-	-	-	1	1	-	2	2	-	41	38	3
	Female	-	-	-	-	-	-	1	1	-	26	23	3

* Under 28 days.

Table 36

INFANT DEATHS BY YEAR, BY SUBDIVISION OF THE FIRST YEAR OF LIFE #
1960 - 1989 RESIDENT DATA

Year	Under 1 Day		Under 1 Week		Under 1 Month*		Under 1 Year	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1989	129	3.3	50	1.3	35	0.9	107	2.7
1988	128	3.4	38	1.0	40	1.1	124	3.3
1987	128	3.4	49	1.3	31	0.8	135	3.6
1986	128	3.3	50	1.3	37	1.0	112	2.9
1985	140	3.4	61	1.5	41	1.0	147	3.6
1984	144	3.4	68	1.6	39	0.9	125	3.0
1983	131	3.0	76	1.8	36	0.8	142	3.3
1982	147	3.3	84	1.9	48	1.1	174	3.9
1981	150	3.3	105	2.3	41	0.9	160	3.5
1980	204	4.3	117	2.4	58	1.2	186	3.9
1979	172	3.7	109	2.3	58	1.2	157	3.4
1978	220	4.9	126	2.8	48	1.1	165	3.7
1977	199	4.4	160	3.6	72	1.6	125	2.8
1976	237	5.7	159	3.8	62	1.5	139	3.3
1975	199	4.8	164	4.0	71	1.7	122	2.9
1974	251	6.2	137	3.4	55	1.4	130	3.2
1973	276	7.1	142	3.6	55	1.4	147	3.8
1972	363	8.9	156	3.8	59	1.4	153	3.7
1971	380	8.4	182	4.0	58	1.3	171	3.8
1970	449	9.3	223	4.6	61	1.3	175	3.6
1969	426	9.0	201	4.2	79	1.7	188	4.0
1968	473	10.1	198	4.2	50	1.1	173	3.7
1967	434	9.2	223	4.7	70	1.5	181	3.8
1966	442	9.1	246	5.0	57	1.2	204	4.2
1965	488	9.6	244	4.8	53	1.0	263	5.2
1964	526	9.5	273	4.9	85	1.5	294	5.3
1963	531	9.2	275	4.8	81	1.4	302	5.2
1962	512	8.4	305	5.0	98	1.6	290	4.8
1961	575	9.1	310	4.9	101	1.6	318	5.0
1960	631	9.9	337	5.3	100	1.6	331	5.2

Subdivisions are mutually exclusive.
* Under 28 days.
Rates per 1,000 live births.

Table 37

MARRIAGES BY AGE OF GROOM AND BRIDE, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 OCCURRENCE DATA

Age	1989				1988				1987				1986				1985			
	Groom		Bride		Groom		Bride		Groom		Bride		Groom		Bride		Groom		Bride	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	25,267	100.0	25,267	100.0	25,090	100.0	25,090	100.0	23,062	100.0	23,062	100.0	23,311	100.0	23,311	100.0	24,578	100.0	24,578	100.0
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0	-	-	-	-
15 - 19	1,125	4.5	3,034	12.0	1,105	4.4	2,975	11.9	1,121	4.9	2,874	12.5	1,172	5.0	3,219	13.8	1,439	5.9	3,797	15.4
20 - 24	8,023	31.8	9,203	36.4	8,084	32.2	9,203	36.4	8,110	35.2	9,111	39.5	8,579	36.8	9,542	40.9	9,299	37.8	10,096	41.1
25 - 29	6,698	26.5	5,555	22.0	6,697	26.7	5,653	22.5	5,834	25.3	4,916	21.3	5,821	25.0	4,709	20.2	6,051	24.6	4,801	19.5
30 - 34	3,478	13.8	2,911	11.5	3,447	13.7	2,849	11.4	3,055	13.2	2,464	10.7	3,026	13.0	2,315	9.9	3,019	12.3	2,309	9.4
35 - 39	2,156	8.5	1,819	7.2	2,085	8.3	1,694	6.8	1,806	7.8	1,436	6.2	1,750	7.5	1,461	6.3	1,741	7.1	1,419	5.8
40 - 44	1,393	5.5	1,144	4.5	1,299	5.2	1,069	4.3	1,085	4.7	825	3.6	998	4.3	737	3.2	1,010	4.1	766	3.1
45 - 49	867	3.4	633	2.5	817	3.3	580	2.3	643	2.8	490	2.1	597	2.6	470	2.0	650	2.6	461	1.9
50 and Over	1,527	6.0	968	3.8	1,555	6.2	978	3.9	1,408	6.1	945	4.1	1,368	5.9	855	3.7	1,364	5.5	923	3.8
Not Stated	-	-	-	-	1	0.0	1	0.0	-	-	1	0.0	-	-	2	0.0	5	0.0	6	0.0

Table 38

MARRIAGES BY AGE OF GROOM BY AGE OF BRIDE, PERCENT DISTRIBUTION
1989 OCCURRENCE DATA

Age of Groom	Age of Bride											
	Total		15 - 19			20 - 24			25 - 29			30 - 34		
	Number	Percent	Number	Percent		Number	Percent		Number	Percent		Number	Percent	
				Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base
Total	25,267		3,034		100.0	9,203		100.0	5,555		100.0	2,911		100.0
15 - 19	1,125	100.0	807	71.7	26.6	281	25.0	3.1	29	2.6	0.5	5	0.4	0.2
20 - 24	8,023	100.0	1,801	22.4	59.4	5,202	64.8	56.5	804	10.0	14.5	166	2.1	5.7
25 - 29	6,698	100.0	342	5.1	11.3	2,883	43.0	31.3	2,597	38.8	46.8	630	9.4	21.6
30 - 34	3,478	100.0	63	1.8	2.1	592	17.0	6.4	1,359	39.1	24.5	975	28.0	33.5
35 - 39	2,156	100.0	15	0.7	0.5	174	8.1	1.9	501	23.2	9.0	671	31.1	23.1
40 - 44	1,393	100.0	2	0.1	0.1	47	3.4	0.5	194	13.9	3.5	289	20.7	9.9
45 - 49	867	100.0	3	0.3	0.1	18	2.1	0.2	49	5.7	0.9	106	12.2	3.6
50 and Over	1,527	100.0	1	0.1	0.0	6	0.4	0.1	22	1.4	0.4	69	4.5	2.4
Not Stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Age of Groom	Age of Bride											
	35 - 39			40 - 44			45 - 49			50 and Over			Not Stated	
	Number	Percent		Number	Percent		Number	Percent		Number	Percent		Number	Percent	
		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base
Total	1,819		100.0	1,144		100.0	633		100.0	968		100.0	-		-
15 - 19	3	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-
20 - 24	36	0.4	2.0	12	0.1	1.0	2	0.0	0.3	-	-	-	-	-	-
25 - 29	194	2.9	10.7	40	0.6	3.5	9	0.1	1.4	3	0.0	0.3	-	-	-
30 - 34	344	9.9	18.9	114	3.3	10.0	23	0.7	3.6	8	0.2	0.8	-	-	-
35 - 39	542	25.1	29.8	188	8.7	16.4	56	2.6	8.8	9	0.4	0.9	-	-	-
40 - 44	415	29.8	22.8	339	24.3	29.6	87	6.2	13.7	20	1.4	2.1	-	-	-
45 - 49	188	21.7	10.3	258	29.8	22.6	191	22.0	30.2	54	6.2	5.6	-	-	-
50 and Over	97	6.4	5.3	193	12.6	16.9	265	17.4	41.9	874	57.2	90.3	-	-	-
Not Stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 39
MARRIAGES BY AGE OF GROOM BY AGE OF BRIDE
1989 OCCURRENCE DATA

Age of Groom	Total	Under 15	15	16	17	18	19	20	21	22	23	24	25	26
	Age of Bride													
Total	25,267	-	2	93	229	1,169	1,541	1,803	1,778	2,045	1,908	1,669	1,441	1,182
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	7	-	-	3	-	1	1	1	1	-	-	-	-	-
17	43	-	-	6	10	10	6	6	2	1	-	1	-	-
18	379	-	1	22	38	140	86	44	30	6	3	1	2	-
19	696	-	-	17	46	214	206	105	40	21	10	9	7	2
20	1,127	-	-	13	54	224	286	262	116	55	35	23	13	10
21	1,361	-	1	9	20	172	249	292	255	133	74	53	31	22
22	1,731	-	-	8	21	104	201	268	311	352	191	97	65	27
23	1,901	-	-	2	17	91	139	234	254	356	356	187	91	42
24	1,903	-	-	1	10	69	110	165	236	320	309	268	135	71
25	1,694	-	-	2	4	37	72	121	164	222	244	203	211	106
26	1,470	-	-	4	2	32	59	81	93	167	189	182	156	150
27	1,286	-	-	2	2	17	31	61	87	118	116	137	158	151
28	1,200	-	-	2	1	11	38	44	51	86	101	125	123	111
29	1,048	-	-	-	-	12	14	32	45	57	69	88	103	108
30-34	3,478	-	-	1	4	26	32	70	61	104	143	214	241	248
35-39	2,156	-	-	-	-	7	8	11	22	36	44	61	74	93
40-44	1,393	-	-	-	-	1	1	4	4	8	15	16	24	31
45-49	867	-	-	-	-	1	2	1	4	2	7	4	5	9
50-54	501	-	-	1	-	-	-	1	1	-	1	-	1	-
55-59	297	-	-	-	-	-	-	-	-	-	1	-	-	-
60-64	268	-	-	-	-	-	-	-	1	1	-	-	1	1
65-69	190	-	-	-	-	-	-	-	-	-	-	-	-	-
70-74	133	-	-	-	-	-	-	-	-	-	-	-	-	-
75+	138	-	-	-	-	-	-	-	-	-	-	-	-	-
N.S.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Age of Groom	27	28	29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +	N.S.
	Age of Bride													
Total	1,094	997	841	2,911	1,819	1,144	633	326	173	162	138	103	66	-
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	1	-	-	-	-	-	-	-	-	-
18	1	-	1	2	2	-	-	-	-	-	-	-	-	-
19	4	4	8	3	-	-	-	-	-	-	-	-	-	-
20	8	4	3	17	3	1	-	-	-	-	-	-	-	-
21	18	8	5	15	2	2	-	-	-	-	-	-	-	-
22	27	9	12	25	12	1	-	-	-	-	-	-	-	-
23	32	22	19	46	6	5	2	-	-	-	-	-	-	-
24	55	40	35	63	13	3	-	-	-	-	-	-	-	-
25	97	56	43	79	26	6	-	-	1	-	-	-	-	-
26	96	68	47	108	30	6	-	-	-	-	-	-	-	-
27	119	83	42	120	33	6	2	1	-	-	-	-	-	-
28	111	109	63	152	56	10	5	1	-	-	-	-	-	-
29	104	106	76	171	49	12	2	-	-	-	-	-	-	-
30-34	281	313	276	975	344	114	23	7	1	-	-	-	-	-
35-39	94	111	129	671	542	188	56	6	3	-	-	-	-	-
40-44	29	48	62	289	415	339	87	17	3	-	-	-	-	-
45-49	9	10	16	106	188	258	191	41	10	2	-	1	-	-
50-54	5	5	2	43	64	114	133	101	25	3	1	-	-	-
55-59	1	1	1	17	25	46	78	74	38	11	3	1	-	-
60-64	-	-	1	8	5	24	40	48	46	62	23	7	-	-
65-69	2	-	-	1	1	7	9	23	34	45	43	17	8	-
70-74	1	-	-	-	1	1	3	5	10	26	41	36	9	-
75+	-	-	-	-	1	1	2	2	2	13	27	41	49	-
N.S.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 40

DISSOLUTIONS BY AGE, BY COLOR OF HUSBAND AND WIFE
1989 OCCURRENCE DATA

Age	Total				White				Nonwhite			
	Husband		Wife		Husband		Wife		Husband		Wife	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,507	100.0	10,507	100.0	10,260	100.0	10,281	100.0	247	100.0	226	100.0
Under 15	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	1	0.0	-	-	1	0.0	-	-	-	-
17	1	0.0	13	0.1	1	0.0	13	0.1	-	-	-	-
18	5	0.0	30	0.3	5	0.0	30	0.3	-	-	-	-
19	30	0.3	92	0.9	30	0.3	91	0.9	-	-	1	0.4
15 - 19	36	0.3	136	1.3	36	0.4	135	1.3	-	-	1	0.4
20	60	0.6	174	1.7	59	0.6	171	1.7	1	0.4	3	1.3
21	126	1.2	250	2.4	125	1.2	248	2.4	1	0.4	2	0.9
22	175	1.7	323	3.1	173	1.7	314	3.1	2	0.8	9	4.0
23	265	2.5	399	3.8	260	2.5	388	3.8	5	2.0	11	4.9
24	286	2.7	404	3.8	275	2.7	393	3.8	11	4.5	11	4.9
20 - 24	912	8.7	1,550	14.8	892	8.7	1,514	14.7	20	8 1	36	15.9
25	373	3.6	450	4.3	364	3.5	444	4.3	9	3.6	6	2.7
26	424	4.0	468	4.5	420	4.1	460	4.5	4	1.6	8	3.5
27	446	4.2	544	5.2	436	4.2	533	5.2	10	4.0	11	4.9
28	485	4.6	509	4.8	475	4.6	495	4.8	10	4.0	14	6.2
29	453	4.3	497	4.7	438	4.3	493	4.8	15	6.1	4	1.8
25 - 29	2,181	20.8	2,468	23.5	2,133	20.8	2,425	23.6	48	19.4	43	19.0
30	459	4.4	471	4.5	452	4.4	459	4.5	7	2.8	12	5.3
31	461	4.4	422	4.0	447	4.4	409	4.0	14	5.7	13	5.8
32	427	4.1	402	3.8	423	4.1	389	3.8	4	1.6	13	5.8
33	396	3.8	428	4.1	390	3.8	415	4.0	6	2.4	13	5.8
34	421	4.0	393	3.7	411	4.0	387	3.8	10	4.0	6	2.7
30 - 34	2,164	20.6	2,116	20.1	2,123	20.7	2,059	20.0	41	16.6	57	25.2
35	414	3.9	359	3.4	402	3.9	350	3.4	12	4.9	9	4.0
36	386	3.7	333	3.2	371	3.6	327	3.2	15	6.1	6	2.7
37	385	3.7	360	3.4	371	3.6	354	3.4	14	5.7	6	2.7
38	363	3.5	336	3.2	353	3.4	326	3.2	10	4.0	10	4.4
39	324	3.1	290	2.8	318	3.1	286	2.8	6	2.4	4	1.8
35 - 39	1,872	17.8	1,678	16.0	1,815	17.7	1,643	16.0	57	23.1	35	15.5
40	325	3.1	268	2.6	319	3.1	264	2.6	6	2.4	4	1.8
41	333	3.2	297	2.8	325	3.2	292	2.8	8	3.2	5	2.2
42	281	2.7	264	2.5	276	2.7	260	2.5	5	2.0	4	1.8
43	229	2.2	208	2.0	224	2.2	200	1.9	5	2.0	8	3.5
44	194	1.8	163	1.6	191	1.9	159	1.5	3	1.2	4	1.8
40 - 44	1,362	13.0	1,200	11.4	1,335	13.0	1,175	11.4	27	10.9	25	11.1
45	185	1.8	159	1.5	182	1.8	156	1.5	3	1.2	3	1.3
46	214	2.0	173	1.6	213	2.1	169	1.6	1	0.4	4	1.8
47	177	1.7	122	1.2	170	1.7	120	1.2	7	2.8	2	0.9
48	137	1.3	95	0.9	135	1.3	92	0.9	2	0.8	3	1.3
49	144	1.4	92	0.9	141	1.4	90	0.9	3	1.2	2	0.9
45 - 49	857	8.2	641	6.1	841	8.2	627	6.1	16	6.5	14	6.2
50 and Over	1,098	10.5	691	6.6	1,064	10.4	679	6.6	34	13.8	12	5.3
Not Stated	25	0.2	27	0.3	21	0.2	24	0.2	4	1.6	3	1.3

Table 41

DISSOLUTIONS BY AGE BY PRIMARY MARRIAGE AND REMAINDER BY HUSBAND AND WIFE
1989 OCCURRENCE DATA

Age	Primary Marriage				Remainder			
	Husband		Wife		Husband		Wife	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	6,430	100.0	6,430	100.0	4,077	100.0	4,077	100.0
Under 15	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	1	0.0	-	-	-	-
17	1	0.0	10	0.2	-	-	3	0.1
18	5	0.1	26	0.4	-	-	4	0.1
19	28	0.4	84	1.3	2	0.0	8	0.2
20	57	0.9	153	2.4	3	0.1	21	0.5
21	112	1.7	230	3.6	14	0.3	20	0.5
22	164	2.6	279	4.3	11	0.3	44	1.1
23	235	3.7	321	5.0	30	0.7	78	1.9
24	245	3.8	340	5.3	41	1.0	64	1.6
25	313	4.9	350	5.4	60	1.5	100	2.5
26	337	5.2	348	5.4	87	2.1	120	2.9
27	355	5.5	386	6.0	91	2.2	158	3.9
28	357	5.6	367	5.7	128	3.1	142	3.5
29	336	5.2	324	5.0	117	2.9	173	4.2
30	314	4.9	291	4.5	145	3.6	180	4.4
31	317	4.9	249	3.9	144	3.5	173	4.2
32	261	4.1	221	3.4	166	4.1	181	4.4
33	246	3.8	226	3.5	150	3.7	202	5.0
34	237	3.7	192	3.0	184	4.5	201	4.9
35	224	3.5	167	2.6	190	4.7	192	4.7
36	209	3.3	162	2.5	177	4.3	171	4.2
37	209	3.3	194	3.0	176	4.3	166	4.1
38	186	2.9	172	2.7	177	4.3	164	4.0
39	169	2.6	153	2.4	155	3.8	137	3.4
40	151	2.3	135	2.1	174	4.3	133	3.3
41	173	2.7	134	2.1	160	3.9	163	4.0
42	148	2.3	131	2.0	133	3.3	133	3.3
43	116	1.8	103	1.6	113	2.8	105	2.6
44	93	1.4	80	1.2	101	2.5	83	2.0
45	100	1.6	78	1.2	85	2.1	81	2.0
46	105	1.6	86	1.3	109	2.7	87	2.1
47	89	1.4	62	1.0	88	2.2	60	1.5
48	66	1.0	47	0.7	71	1.7	48	1.2
49	61	0.9	43	0.7	83	2.0	49	1.2
50 and Over	401	6.2	272	4.2	697	17.1	419	10.3
Not Stated	10	0.2	13	0.2	15	0.4	14	0.3

Table 42

DISSOLUTIONS BY AGE OF HUSBAND AND WIFE, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 OCCURRENCE DATA

Age	1989				1988				1987				1986				1985			
	Husband		Wife		Husband		Wife		Husband		Wife		Husband		Wife		Husband		Wife	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Ages	10,507	100.0	10,507	100.0	10,808	100.0	10,808	100.0	10,527	100.0	10,527	100.0	10,324	100.0	10,324	100.0	10,525	100.0	10,525	100.0
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 - 19	36	0.3	136	1.3	48	0.4	172	1.6	34	0.3	150	1.4	40	0.4	186	1.8	34	0.3	207	2.0
20 - 24	912	8.7	1,550	14.8	1,076	10.0	1,743	16.1	1,127	10.7	1,873	17.8	1,260	12.2	1,925	18.6	1,293	12.3	2,135	20.3
25 - 29	2,181	20.8	2,468	23.5	2,321	21.5	2,610	24.1	2,289	21.7	2,430	23.1	2,208	21.4	2,384	23.1	2,349	22.3	2,445	23.2
30 - 34	2,164	20.6	2,116	20.1	2,235	20.7	2,134	19.7	2,126	20.2	2,101	20.0	2,115	20.5	2,040	19.8	2,218	21.1	2,064	19.6
35 - 39	1,872	17.8	1,678	16.0	1,803	16.7	1,653	15.3	1,830	17.4	1,680	16.0	1,752	17.0	1,574	15.2	1,758	16.7	1,544	14.7
40 - 44	1,362	13.0	1,200	11.4	1,316	12.2	1,150	10.6	1,264	12.0	1,041	9.9	1,194	11.6	948	9.2	1,114	10.6	937	8.9
45 - 49	857	8.2	641	6.1	870	8.0	580	5.4	805	7.6	544	5.2	733	7.1	572	5.5	694	6.6	504	4.8
50 and Over	1,098	10.5	691	6.6	1,119	10.4	747	6.9	1,026	9.7	678	6.4	1,003	9.7	673	6.5	1,047	9.9	664	6.3
Not Stated	25	0.2	27	0.3	20	0.2	19	0.2	26	0.2	30	0.3	19	0.2	22	0.2	18	0.2	25	0.2

Table 43

DISSOLUTIONS BY DURATION OF MARRIAGE, PERCENT DISTRIBUTION, BY YEAR
1985 - 1989 OCCURRENCE DATA

Duration in Years	1989		1988		1987		1986		1985	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,507	100.0	10,808	100.0	10,527	100.0	10,324	100.0	10,525	100.0
Under 1	260	2.5	307	2.8	287	2.7	268	2.6	284	2.7
1 - 4	3,224	30.7	3,409	31.5	3,354	31.9	3,494	33.8	3,592	34.1
5 - 9	2,951	28.1	3,096	28.6	2,998	28.5	2,762	26.8	2,921	27.8
10 - 14	1,632	15.5	1,616	15.0	1,630	15.5	1,587	15.4	1,552	14.7
15 - 19	1,101	10.5	1,027	9.5	1,057	10.0	959	9.3	954	9.1
20 - 24	684	6.5	665	6.2	582	5.5	615	6.0	579	5.5
25 - 29	340	3.2	343	3.2	322	3.1	343	3.3	330	3.1
30 - 34	168	1.6	171	1.6	150	1.4	163	1.6	161	1.5
35 - 39	84	0.8	89	0.8	91	0.9	77	0.7	92	0.9
40 and Over	58	0.6	75	0.7	47	0.4	47	0.5	48	0.5
Not Stated	5	0.0	10	0.1	9	0.1	9	0.1	12	0.1

Table 44

DISSOLUTIONS BY DURATION OF MARRIAGE, BY COLOR
1989 OCCURRENCE DATA

Duration in Years	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	10,507	100.0	10,196	100.0	311	100.0
Under 1	260	2.5	248	2.4	12	3.9
1	709	6.7	688	6.7	21	6.8
2	860	8.2	838	8.2	22	7.1
3	825	7.9	791	7.8	34	10.9
4	830	7.9	795	7.8	35	11.3
0 - 4	3,484	33.2	3,360	33.0	124	39.9
5	730	6.9	715	7.0	15	4.8
6	649	6.2	619	6.1	30	9.6
7	556	5.3	537	5.3	19	6.1
8	524	5.0	510	5.0	14	4.5
9	492	4.7	475	4.7	17	5.5
5 - 9	2,951	28.1	2,856	28.0	95	30.5
10	430	4.1	414	4.1	16	5.1
11	378	3.6	368	3.6	10	3.2
12	298	2.8	290	2.8	8	2.6
13	286	2.7	277	2.7	9	2.9
14	240	2.3	235	2.3	5	1.6
10 - 14	1,632	15.5	1,584	15.5	48	15.4
15	250	2.4	245	2.4	5	1.6
16	235	2.2	227	2.2	8	2.6
17	214	2.0	210	2.1	4	1.3
18	211	2.0	209	2.0	2	0.6
19	191	1.8	187	1.8	4	1.3
15 - 19	1,101	10.5	1,078	10.6	23	7.4
20	192	1.8	188	1.8	4	1.3
21	136	1.3	136	1.3	-	-
22	131	1.2	130	1.3	1	0.3
23	122	1.2	118	1.2	4	1.3
24	103	1.0	102	1.0	1	0.3
20 - 24	684	6.5	674	6.6	10	3.2
25	87	0.8	86	0.8	1	0.3
26	71	0.7	71	0.7	-	-
27	77	0.7	76	0.7	1	0.3
28	59	0.6	55	0.5	4	1.3
29	46	0.4	44	0.4	2	0.6
25 - 29	340	3.2	332	3.3	8	2.6
30	50	0.5	50	0.5	-	-
31	47	0.4	47	0.5	-	-
32	29	0.3	29	0.3	-	-
33	24	0.2	24	0.2	-	-
34	18	0.2	18	0.2	-	-
30 - 34	168	1.6	168	1.6	-	-
35	20	0.2	20	0.2	-	-
36	18	0.2	18	0.2	-	-
37	16	0.2	16	0.2	-	-
38	18	0.2	18	0.2	-	-
39	12	0.1	12	0.1	-	-
35 - 39	84	0.8	84	0.8	-	-
40 and Over	58	0.6	56	0.5	2	0.6
Not Stated	5	0.0	4	0.0	1	0.3

Table 45

NUMBER OF DISSOLUTIONS INVOLVING CHILDREN UNDER 18 YEARS OF AGE BY COLOR
1989 OCCURRENCE DATA

Number of Children	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	10,507	100.0	10,196	100.0	311	100.0
None	4,115	39.2	3,978	39.0	137	44.1
1	2,563	24.4	2,490	24.4	73	23.5
2	2,612	24.9	2,541	24.9	71	22.8
3	955	9.1	934	9.2	21	6.8
4	199	1.9	192	1.9	7	2.3
5	35	0.3	34	0.3	1	0.3
6	6	0.1	6	0.1	-	-
7	3	0.0	3	0.0	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10 or More	-	-	-	-	-	-
Not Stated	19	0.2	18	0.2	1	0.3

APPENDIX

DEFINITIONS

DATA

Color:

White:

Includes persons stating themselves as White, Cuban, Mexican, Puerto Rican, other Hispanic and all other caucasian. Also includes persons for whom color is not stated.

Nonwhite:

Persons not included in the White classification.

Occurrence:

Place where event occurred.

Residence:

Births:

The mother's usual place of residence.

Deaths:

Usual residence of the decedent.

FAMILY FORMATION AND DISSOLUTION

Marriage:

All marriages performed.

Dissolution:

Includes annulments.

Primary Marriage:

Dissolution of first marriage for both parties.

MORTALITY

Cause of Death:

Is the disease or injury which initiated the sequence of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury. The responsibility for indicating the underlying cause of death is that of the certifying physician or medical examiner.

Fetal:

A birth after 20 weeks gestation which is not a live birth.

Infant:

Death of a child under one year of age.

Maternal:

Death due to complications of pregnancy, labor, delivery and puerperium.

Neonatal:

Death occuring under 28 days after birth.

Prenatal:

Fetal plus neonatal.

DEFINITIONS

NATALITY

Birth Weight Equivalents:

GRAMS	POUNDS AND OUNCES
999 or less	2 lbs 3 ozs. or less
1000 - 1499	2 lbs. 4 ozs. to 3 lbs. 4 ozs.
1500 - 1999	3 lbs. 5 ozs. to 4 lbs. 6 ozs.
2000 - 2499	4 lbs. 7 ozs. to 5 lbs. 8 ozs.
2500 - 2999	5 lbs. 9 ozs. to 6 lbs. 9 ozs.
3000 - 3499	6 lbs. 10 ozs. to 7 lbs. 11 ozs.
3500 - 3999	7 lbs. 12 ozs. to 8 lbs. 13 ozs.
4000 - 4499	8 lbs. 14 ozs. to 9 lbs. 14 ozs.
4500 or more	9 lbs. 15 ozs or more

Congenital Malformations:
Deformity existing before birth.

General Fertility Rate:
The total number of live births divided by the female population, aged 15-44, multiplied by 1,000.

Live Births:
Birth of a child who shows evidence of life after expulsion or extraction.

Immature:
Birthweight less than 2,500 grams (5 lbs. 8 ozs.).

Total Fertility Rate:
The sum of the age-specific live birth rates multiplied by five.